

AIM Ann Report
1978 to 1979

Am 101
A89
NZ 6011



**ANNUAL REPORT
1978-79
AUCKLAND INSTITUTE
AND MUSEUM**

AIM Ann Report
1978 to 1979

Front Cover: Dance masks, Vanikoro, Santa Cruz group, three of a set of four
purchased through the E. Earle Vaile Endowment

Vahry photo

Back Cover: Art nouveau cameo glass vase by Daume, one of a number of
purchases made this year for the Applied Arts collections

Vahry photo

AIM Ann Report
1978 to 1979

ANNUAL REPORT
AUCKLAND INSTITUTE
AND MUSEUM
1978-79

For presentation at the Annual General
Meeting to be held on 25th June, 1979

AIM Ann Report 1978 to 1979

Staff of the Museum

Director	E. G. TURBOTT, Q.S.O., M.Sc., F.M.A.N.Z.
Assistant Director and Ethnologist	D. R. SIMMONS, M.A.
Entomologist (Senior Scientist)	K. A. J. WISE
E. Earle Vaile Archaeologist	JANET M. DAVIDSON, M.A. (to 16 February)
	N. J. PRICKETT, M.A. (from 2 April)
Recorder (Ethnology)	NOLA V. ARTHUR, N.Z.L.A. CERT., A.N.Z.L.A., A.L.A.A.
Clerical Assistant (Ethnology)	DOROTHY McVICKER
Botanist	JEANNE H. GOULDING
Associate Botanist	E. B. BANGERTER, F.L.S.
Hon. Botanist	LUCY CRANWELL SMITH, M.A., D.Sc., F.L.S., F.R.S.N.Z.
Malacologist	W. O. CERNOHORSKY, F.L.S.
Hon. Research Associate in Mollusca	A. W. B. POWELL, Hon. D.Sc., F.R.S.N.Z., F.M.A.N.Z.
Marine Biologist	A. B. STEPHENSON, M.Sc.
Associate Ornithologist	SYLVIA REED
Recorder (Entomology)	JANET M. GURR
Curator of Applied Arts	B. D. MUIR, B.A., DIP.TCHG.
Hon. Curator of Textiles	JUDY SMITH
Hon. Curator of Furniture	W. H. ROSS-LOWE, M.B.E.
Hon. Horologist	D. J. SMITH, M.A., PH.D.
Curator of War Relics	J. H. WADHAM, B.Sc.
Hon. Curator of Medals and Badges	D. A. CORBETT, A.F.R.Ae.S.
Librarian	I. G. THWAITES, B.A., DIP.N.Z.L.S., A.N.Z.L.A.
Acting Assistant Librarian	LORRAINE M. WILSON, F.T.C.L., N.Z.L.A.CERT.
Library Assistant	DIANE L. CALDER
Clerical Assistant (Library)	MARIENNE FLETCHER
Extension Service Officer	J. H. WADHAM, B.Sc.
Preparator-Conservation Officer	L. J. CAPPEL, DIP. I.A.C. (AMST.)
Temporary Assistant Preparator	JOANNA F. BOILEAU, M.A.
Curator of Display	R. J. WOLFE, B.F.A.
Art Assistant	P. HARTIGAN
Display Assistant	AUDREY McBIRNEY
Planetarium Operator	GARY FREETH
Education Officer	W. K. A. BERRY, B.A., B.Sc., DIP.ED., ADV.DIP.TCHG.
Assistant Education Officers	B. H. CADMAN, B.A. R. J. WATT, M.A.
Artist-Technician (Education Section)	J. B. McCAW
Teacher Aid	PAM TOWERS
Accountant	B. S. ROBERTSON, B.COM., A.C.A., A.C.I.S.
Accounts Clerk	MERLE WILLIAMS
Clerical Assistant	KATHLEEN JARVIS
Director's Secretary	RENEE SHANNON
Secretarial Assistant	ANGELA HYATT
Receptionist-Telephonist	VERNA M. DOYLE
Maintenance Hand	H. J. ROWE
Cleaners	ESTHER SMITH MAY SMITH

Museum Shop:

MYRA ALEXANDER (Manager), MIGNONNE BROWNJOHN,
STRELSA BOYCE, YVONNE DEW, ANN HANNA, GYTHA
HOADLEY, IDA RAWLINGS, NANDA WATSON

Coffee Lounge:

MAY EICHLER (Manager), MARY McSWEENEY (Assistant Manager),
JEAN KNOX, JAN MELLAMPHY, FLORA MCGILLIVRAY, ALISON
McLAUGHLIN, ESME ULLENBERG, ELIZABETH WATENE

Attendants:

B. FLETCHER (Senior), W. CULHANE, N. A. CHAPMAN, T. COKER,
E. FRAZER, E. J. JOHNSON, J. E. MILLS, L. S. RAMON, W. SMITH,
E. SOUTHWORTH, A. SPROSON, W. E. STEVENSON, C. D. WHYTE

OFFICERS
OF THE
AUCKLAND INSTITUTE
AND
MUSEUM
1978-79

President:

DR J. D. ATKINSON, O.B.E., MAGR.SC., D.SC., F.R.S.N.Z.

Vice-Presidents:

DR H. C. HOLLAND, O.B.E., F.R.I.C., LIEUTENANT-COLONEL A. R.
HUGHES, MR G. W. FRATER

Council:

DR P. J. BROOK, M.Sc., PH.D.	MR D. B. ROBERTSON, F.R.C.S., F.R.A.C.S.
MR S. G. BROOKER, M.Sc.	DR J. ROGERS, M.Sc., PH.D.
PROFESSOR R. N. H. BULMER, M.A., PH.D.	MR JOHN SEABROOK, C.M.G., A.F.C.
MR H. V. COOP, F.R.C.S.	MR R. B. SIBSON, E.D., M.A.
MR R. H. L. FERGUSON, F.R.C.S., F.R.A.C.S.	DR M. J. TAYLOR, M.A.
MISS JOAN ROBB, M.Sc., DIP.AGR.	MR R. E. THOMAS, F.C.A.N.Z.

Representatives of the Auckland City Council:

HIS WORSHIP THE MAYOR, SIR DOVE-MYER ROBINSON
MR I. W. MCKINNON, J.P.
MR W. J. STREVENS
MRS C. A. TIZARD, B.A.

Representatives of Local Authorities:

MR J. D. AUCKRAM, MRS N. J. BOURKE, Q.S.M., J.P., MRS D. M. E.
CLARK, MR C. J. DOONER, A.N.Z.I.A., MR W. R. M. HARESDAPE,
A.N.Z.I.A., A.I.A.A., MR T. S. IMPEY, MR O. E. WALKER, MRS S. M.
WEIGHT, MRS E. A. WYLIE, Q.S.M., J.P.

Trust Board:

MR R. E. THOMAS, F.C.A.N.Z. (Chairman)	DR E. H. ROCHE, M.C., M.D., F.R.A.C.P.
MR J. D. O. ELLIS	MR J. H. ROSE, LL.B.
DR H. C. HOLLAND, O.B.E., F.R.I.C.	MR JOHN SEABROOK, C.M.G., A.F.C.

Representative on Member Bodies' Committee, Royal Society of New Zealand:

DR P. J. BROOK

Director:

E. G. TURBOTT, Q.S.O., M.Sc., F.M.A.N.Z.

AIM Ann Report 1978 to 1979

PRESIDENTS OF THE AUCKLAND INSTITUTE AND MUSEUM

1867	F. Whitaker	1903	Professor A. P. W. Thomas
1869	Hon. T. B. Gillies	1906	Professor F. D. Brown
1870	Rev. Dr. A. G. Purchas	1907	E. V. Miller
1871	T. Heale	1909	Professor C. W. Egerton
1873	Hon. T. B. Gillies	1910	Dr. R. Briffault
1874	Sir G. A. Arney	1911	J. H. Upton
1875	J. C. Firth	1912	Professor H. W. Segar
1876	Hon. T. B. Gillies	1913	C. J. Parr
1877	R. C. Barstow	1915	Hon. Sir E. Mitchelson
1878	T. Heale	1917	J. H. Gunson
1879	Rev. Dr. A. G. Purchas	1926	H. E. Vaile
1881	T. Peacock	1931	Alfd. G. Lunn
1882	E. A. MacKechnie	1933	Professor H. W. Segar
1883	Rt. Rev. Dr. W. G. Cowie	1934	Sir Cecil Leys
1884	H. G. Seth Smith	1935	A. T. Pycroft
1885	J. A. Pond	1936	Sir Carrick Robertson
1886	Professor F. D. Brown	1938	C. Reginald Ford
1887	Professor A. P. W. Thomas	1940	Dr. W. A. Fairclough
1888	S. Percy Smith	1942	A. H. Johnstone
1889	J. Martin	1944	J. C. Rennie
1890	J. Stewart	1947	Hon. T. Bloodworth
1891	Professor F. D. Brown	1949	F. L. G. West
1893	Professor C. A. M. Pond	1952	Professor L. H. Briggs
1894	J. H. Upton	1955	J. W. Kealy
1895	Professor A. P. W. Thomas	1958	J. H. Rose
1896	D. Petrie	1961	John Seabrook
1897	Dr. E. Robertson	1964	S. G. Brooker
1898	Prof. H. A. Talbot-Tubbs	1967	Dr. H. C. Holland
1899	J. Batger	1970	Lt.-Col. A. R. Hughes
1900	Professor H. W. Segar	1973	G. W. Frater
1901	J. Stewart	1976	Dr J. D. Atkinson
1902	Dr. E. Robertson		

REPORTS TO MEMBERS

President

Matters relating to the Auckland War Memorial Museum Maintenance Bill, which is our response to Parliament's request that a means should be found to place Local Authority support for the Museum upon a more equitable basis, have been given priority in Council discussions throughout the year. The Council decided that the President, Mr McKinnon and the Director, in consultation with our Solicitor, Mr G. P. Hanna, should prepare the explanatory memorandum concerning the Bill to Local Authorities; in addition, the members of this Committee, with Mr Hanna, appeared on 19th September before the Local Bills Committee to which the Bill was referred following its first reading. The Bill was held over for study during the recess, the Committee requesting that certain points raised by Local Authorities listed in the Bill should be given further consideration by our Council; our reply was submitted quickly to the Committee, and it is hoped that all discussions can be finalised before the coming session.

The main points covered in our Council's original discussions, leading to the formulation of the Bill now before Parliament, are outlined in last year's Report. Our discussions were, we believe, searching and well-informed, including a full review of the matter of an admittance charge, which we believe would be incompatible with the concepts upon which the decision to erect the Provincial War Memorial was based. Among considerations raised while the Bill was in preparation was a strong recommendation by Local Authority representatives on our Council, that the amount of the Museum's annual levy should be fixed only after receiving the approval of a Special Committee of Council, the majority of whom were to be drawn from representatives of Local Authorities. This provision was duly included in the Bill, while to ensure that Local Authority views in this regard were given immediate recognition our Council in June increased its existing Finance Committee to include a majority of Local Authority representatives.

We have made submissions to the Hon. Minister for the Arts, Mr Allan Highet, this year on two matters of special importance to ourselves and other New Zealand museums and art galleries. Concerning the first, our request that consideration be given to amending legislation to enable bequests to museums and art galleries to be made free of estate duty, Mr Highet replied that any such provision would require an amendment to the Estate and Gift Duties Act, and that he had been assured by the Minister in charge of the Inland Revenue Department that the request had been noted and would be more fully considered when an appropriate opportunity arose in the context of a Budget. A second matter raised, the need for a Government policy of indemnification for major overseas touring exhibitions, has already

AIM Ann Report 1978 to 1979

received Mr Highet's enthusiastic support and we believe that a joint approach by New Zealand institutions for indemnification as soon as plans can be finalised for a tour by a major exhibition is likely to meet with success.

We are again pleased to be able to report a highly satisfactory result from our Door Appeal for funds to replace the deteriorated metal window frames in the World War I building (see 1976-77 and 1977-78 Reports): total receipts from the Door Appeal Fund now stand at \$53,445 (daily average \$44.25); added to this is the Members' Appeal which produced \$4766. The first two stages of the window replacement project (mainly inner court windows) have been completed under Mr Draffin's supervision, and a contract has been let for the manufacture of the frames for the windows of the west, north and east fronts.

We are particularly happy to report that the two permanent funds established last year for members' contributions have been most enthusiastically supported: total contributions to the Members' Library Purposes Fund have now reached \$3840 and to the Members' Specimen Purchase Fund \$1371.

Activities associated with the 49th ANZAAS Congress, 22nd-26th January, included co-operation at the planning stage as well as during the Congress itself: two of our Council members, Dr Brook and Dr Rogers, represented us on the Organising Committee, while I attended the meeting of Convocation held on 23rd January as the Institute and Museum's representative. It is with pleasure that we congratulate the Organising Committee and sectional committees on the success of the programme which proved both productive and enjoyable. A number of Congress delegates took the opportunity to visit the Museum, and to work on our collections, while in Auckland; we were also pleased to join the Organising Committee as hosts for the Congress Reception which was held on Wednesday evening, 24th January, in the Maori Court.

Mr Turbott deals in his report with changes in the display halls, including the most satisfactory progress made in the new major installation "Auckland — Past and Future Landscapes". Members will wish me on their behalf to congratulate the members of staff concerned on the high standard achieved in our displays, as well as in our general activities, during the year.

Awards

We have pleasure in recording our congratulations to members on the honours they have received from Her Majesty the Queen: Sir William Rodger, Knight Bachelor; Mr R. S. Milne, C.B.E.; Dr P. P. Heller, O.B.E.; Mr Warwick Macky, O.B.E.; Mr R. T. Morpeth, Q.S.O.; and Mrs Winifred Macdonald, M.B.E.

Council

Three Council members due to retire in rotation, Professor R. N. H. Bulmer, Dr R. H. L. Ferguson and Mr R. B. Sibson were renominated and the number of nominees not exceeding the number of vacancies were declared elected at the Annual General Meeting. We have pleasure in welcoming them to their seats on the Council for a further term.

The principal change in Council membership this year arose through the resignation in June, 1978, as a member and Chairman of the Trust Board, of Sir Kenneth Myers. Sir Kenneth in a period of 40 years as a Trust Board member, the last 23 years as Chairman, served the Museum not only in the investment and property matters administered directly by the Board, but also through his contribution to discussions on the Museum's financial support. All members will wish to join in expressing our deep appreciation of his long and devoted record of service.

The Board as mentioned below elected Mr R. E. Thomas to its Chairmanship in succession to Sir Kenneth, thus creating a vacancy on the Council which was filled as permitted under the Rules by the appointment for the period up to the 1979 Annual General Meeting of Dr M. J. Taylor.

An appointment was required to the Trust Board to fill the place vacated by Sir Kenneth, and this was filled by Council by the appointment of Mr J. D. O. Ellis.

In early 1978, Mr J. H. Rose, who had served for 26 years as the representative of the Institute and Museum on the Waipoua Sanctuary Committee, informed the Council that he would no longer be available for appointment. Following this, Council nominated Dr D. B. Robertson for the coming term. Members will recall that the Institute and Museum has been closely associated with the Waipoua Sanctuary since its establishment, and will wish to join in recording our appreciation to Mr Rose for his interest and his long and active period of service.

Staff

This year our Director, Mr E. G. Turbott, reaches retiring age, and will hand over his present great responsibilities to Mr G. S. Park on 6th August, 1979.

Graham Turbott has given long and most distinguished service to the Auckland Institute and Museum. Starting as a new graduate in 1937 he served for 20 years, first as Assistant Zoologist and then in the double role of Ornithologist and Entomologist, before transferring to the Canterbury Museum as Assistant Director and Keeper of

AIM Ann Report
1978 to 1979



Mr E. G. Turbott, Director, 1964-1979

AIM Ann Report 1978 to 1979

Zoology. After seven years with only two jobs he came back to Auckland to a single task — the all embracing one of Director.

All his duties were tackled with enthusiasm, drive, and a deep understanding of the whole museum profession. He succeeded brilliantly, revitalising all aspects of the Museum's work, and attracting an additional one million visitors per year to lift the Auckland War Memorial Museum into world class. It is perhaps worth mentioning at this point that an increase of staff to meet the Museum's plans for a long overdue expansion of departments and services was one of the aims of the 1963 Amendment Act, and it fell to Mr Turbott to implement the proposals already in view and to develop bold new concepts. A glance at the accompanying staff photograph taken in 1977 will serve to indicate the staff level built up by Mr Turbott to meet the needs of our expanded services.



The staff in November, 1977

Approaching retirement spurred Mr Turbott to even greater efforts, and the most imaginative of his new display projects, "Auckland — Past and Future Landscapes", is rapidly taking shape. Although it will not be opened before his retirement, he will be retained part-time to complete this exciting venture. Then he will be able to shut himself into a small back room off the Library and write those papers on birds for which there has been no time these past 15 years. We offer our most grateful thanks to Mr Turbott for his magnificent contribution to the development and well-being of the Museum.

In August, 1978, the Assistant Director and Curator of Display and of Applied Arts, Mr T. J. Bayliss, retired. Mr Bayliss' period of

AIM Ann Report

1978 to 1979

service was a long one and he influenced a particularly wide cross-section of the Museum. He was appointed Extension Service Officer in 1957, contributing greatly to the expansion and development of this important service, but in view of his expert knowledge and wide experience of ceramics and other crafts was the obvious choice for the new post of Curator of Applied Arts in 1964. He became Assistant Director in 1971 and with the establishment of a separate Display Department in 1972, undertook the further post of Curator of Display. In addition, he acted as officer in charge of the War Relics section. One of his outstanding achievements was the designing and installation of the Museum's much-used Special Exhibition Hall. He also planned and supervised improvements to the permanent displays in all sections and, especially, set up the Hall of Asian Art in 1969, the Disney Hall of English Furniture in 1972 and the Hall of the Pacific in 1977. Many of the widely-acclaimed Special Exhibitions staged by the Museum in recent years have been his work or have been installed under his supervision. Through his interest in the Auckland Studio Potters and other craft groups, and his personal reputation as a potter, a most rewarding association between these groups and the Museum has been established, with benefit both to our special exhibitions and to our permanent contemporary applied arts collections.

Following Mr Bayliss' retirement, Mr D. R. Simmons was appointed to be Assistant Director. Applications were called for the Curatorship of Applied Arts and we are pleased to welcome Mr B. D. Muir to this post; he comes to us with particularly wide experience, including appointments as Director of the Palmerston North Art Gallery and, immediately before joining our staff, as Director of the Robert McDougall Art Gallery, in Christchurch. Our Staff Artist, Mr R. J. Wolfe, was promoted to the post of Curator of Display.

A further change arising out of Mr Bayliss' retirement was the appointment of our Extension Service Officer, Mr J. H. Wadham, to the joint posts of Extension Service Officer and Curator of War Relics. Some reorganisation of Mr Wadham's Extension Service work has been required but this has proved sufficient to enable him to attend to this important section of our collections in a part-time capacity.

With the establishment of a conservation service in the provincial area, the scope of Mr Cappel's duties was greatly expanded, and the council decided in May to alter and enlarge his post under the title of Preparator-Conservation Officer.

Our Archaeologist, Miss Janet M. Davidson, left in February, 1979, to marry and live in Dunedin. In her place Council appointed Mr N. J. Prickett, who brings considerable museum experience, as well as outstanding archaeological qualifications to his post. Miss Davidson during her 13 years as our first E. Earle Vaile Archaeologist developed all aspects of this newly-established position with insight and much imagination, and has in a most distinguished research career greatly

advanced New Zealand and Pacific archaeological studies. The results of her extensive field work have appeared in the Museum's *Records* and *Bulletins* and elsewhere; she also assisted widely in archaeological aspects of town and country planning in the Auckland provincial area, and contributed several leaflets to our popular series.

Miss Jocelyn Bertrand, Art Assistant, resigned in June, 1978, her post being filled by the appointment of Mr P. Hartigan. Miss Bertrand's skill in lettering, and assistance in setting up special exhibitions, and in display work generally, contributed greatly to our work during her 11 years on the staff.

Several changes have occurred in the Library staff, the Assistant Librarian, Mrs Y. F. Drummond, resigning in December, and the Library Assistant, Mr G. Maitland, being granted a year's leave to attend Library School. During her four years on the staff, Mrs Drummond assisted greatly in all sections of the Library, and was well-known to members. Miss L. M. Wilson was appointed Acting Assistant Librarian and Miss D. C. Calder as Library Assistant.

Finally, we have pleasure in recording our appreciation of an outstanding contribution over 28 years of service, both voluntary and as a part-time assistant, in our Herbarium by Mrs Phyllis Hynes, who retired in September as Associate Botanist. Mrs Hynes, in addition to her curatorial work, helped with identifications and contributed numerous herbarium specimens as the result of her field trips throughout New Zealand and to the offshore islands.

Membership

The roll has changed as follows:

	As at 31/3/78	As at 31/3/79
Life Members	556	577
Ordinary Members	1,251	1,321
	<hr/> 1,807	<hr/> 1,898

Obituary

We record with regret the death of the following members:

Mrs A. Graham Bell, Mr T. T. Bond, Mr H. L. Calder, E.D., M.A., Mr N. J. Campbell, Mrs A. G. Clark, Miss A. Z. Dixon, Miss Ida G. Eise, M.B.E., Miss E. Elder, Sir Robert Falla, K.B.E., C.M.G., F.R.S.N.Z., Mr H. McKail Geddes, Mr A. Gilbert, Mr L. T. Hayman, Mrs B. Hellaby, Dr A. F. Hunter, O.B.E., F.R.C.S., F.R.A.C.S., Miss F. M. J. Irvine, M.A., Mr J. B. Johnston, LL.B., Miss J. S. Livingston, Miss O. Lloyd, Mr W. F. McCallum, Mr H. R. Miller, Mrs J. E. T. Palmer, Mr J. C. Rennie, LL.B., Mr P. A. S. Stein, Mr A. Summers, Mrs M. P. Tattersfield, Mr H. F. Wood.

AIM Ann Report 1978 to 1979

With the death on 23rd February, 1979, of Sir Robert Falla we lost a distinguished long-standing Institute member and former staff member. When the War Memorial Museum opened in 1929, Sir Robert was a member of the honorary scientific staff, subsequently becoming Ornithologist and then Assistant Director. He left on his appointment to the Directorship of Canterbury Museum in 1937, and following this was Director of the National Museum, in Wellington.

Mr H. McKail Geddes, who died on 20th October, 1978, was a representative of southern metropolitan Authorities on our Council from 1963 to 1968. In addition to a special interest in nature conservation, Mr Geddes had wide experience of Local Authority matters and was able to contribute greatly to the work of the Council.

Mr J. Campbell Rennie, who died on 6th October, served for 31 years on the Council, first as a Local Authority representative and later through election by Institute members. He held the Presidency from 1945 to 1947. He was appointed to the Trust Board in 1953, and served on the Board for 13 years, on several occasions as Acting-Chairman. He was elected to Honorary Life Membership in 1947.

Mr Percy Robinson, the Museum's Honorary Numismatist, died on 1st May, 1978. Mr Robinson had since his appointment in 1975 given most generously of his time to the organisation of the collections; he also assisted greatly by answering many of the numerous enquiries on coins received by the Museum.

Gifts

Commitments by the Sir John Logan Campbell Trust, the Auckland City Council, and a number of metropolitan and provincial Local Authorities towards the cost of the multi-media installation "Auckland — Past and Future Landscapes", were recorded in last year's Report. We acknowledge with pleasure receipt this year of the following instalments of the amounts committed: from the Sir John Logan Campbell Trust, \$15,000; Auckland City Council, \$17,000; Onehunga Borough Council, \$750; Franklin County Council, \$333.33. Our thanks to these and to all the bodies who responded so generously to our appeal for funds for the installation are again very gladly recorded.

This year the Auckland Savings Bank Board of Trustees again responded generously to our application for a grant-in-aid, a total of \$4000 being provided as follows: \$2000 for the completion of the Pacific Hall with an introductory audio-visual display; \$2000 towards the cost of additional mobile shelving in the Herbarium. Both grants have assisted substantially in the Museum's work and are gratefully acknowledged.

We again applied successfully for aid under the Government scheme for assistance to Art Galleries and Museums, the sum of \$3000 being allocated to us to continue our museum conservation service in the provincial area; the Department of Internal Affairs also granted \$3000 from its Conservation of Museum Objects Fund to enable us to install a fumigation unit. In addition, we received a Government grant of \$4000 through the Department of Internal Affairs to assist us in continuing with the duties required under the Antiquities Act.

Applications for grants from the Scientific Research Distribution Committee Lottery Board of Control by two staff members were also successful. Miss Davidson received \$3000 for the completion of her analysis of the archaeological material collected between 1955 and 1960 in the Auckland and Coromandel regions by Professor J. Golson. Mr Cernohorsky received a grant of \$1000 for his research project on the Australian and New Zealand members of the molluscan family Costellariidae.

We are delighted to be able to make a preliminary report on a project which is now nearing completion, the revision by Dr Lucy Cranwell Smith (Mrs Watson Smith) of *The Botany of Auckland*. Mrs Watson Smith, in addition to her work is completely revising the text, has made a most generous monetary contribution of \$4000 towards its publication as an Auckland War Memorial Handbook. Some years ago she donated a substantial sum for the same purpose, with the result that the costs of re-issue are now ensured. Many members and friends will remember Lucy Cranwell as the Museum's first Botanist. All will wish to join in our appreciation of her generosity in helping with the publication, as well in contributing a much-needed handbook to our series.

Acknowledgment is made of a bequest of \$203 from the late Miss J. H. G. Gollan.

We also acknowledge gratefully anonymous gifts of, respectively, \$500 towards the fund for popular publications, and \$250 for Library requirements. The New Zealand Law Society kindly made a donation of \$500 towards the Museum's work this year. A further generous gift of \$500 was made by Messrs Corbans Holdings Ltd towards cataloguing and housing costs resulting from the deposit of the Corban family's archives in our Library (more detailed mention of this notable archival accession is given by the Librarian, Mr Thwaites in his report).

Our thanks are recorded for monetary contributions as follows during the year: ANZAAS Food Science and Nutrition Section, Field Educational Enterprises Pty, Miss Gunnell, International Bookshop, Miss L. M. Leatham, Mr H. R. McKenzie, Mr T. Nicholls, Normal Intermediate Community Centre, Oratia Primary School, Pace Studios, Mr P. Tattersfield, Mr B. Tattle, Miss L. Thomas, Messrs Tupperware, TV2, Mr C. M. Vialoux, Mr H. K. Wilding, and two anonymous donations.

AIM Ann Report 1978 to 1979

Local Authority Contributions

Metropolitan: Statutory —

Auckland City	127,127.98
Birkenhead Borough	10,682.63
Devonport Borough	6,897.31
East Coast Bays City	16,935.72
Ellerslie Borough	4,565.78
Glen Eden Borough	4,025.84
Helensville Borough	648.61
Henderson Borough	4,641.14
Howick Borough	7,724.80
Manukau City	77,213.64
Mount Albert Borough	13,634.77
Mount Eden Borough	10,050.32
Mount Roskill Borough	18,429.61
Mount Wellington Borough	16,694.90
New Lynn Borough	6,164.92
Newmarket Borough	3,221.79
Northcote Borough	5,888.99
Onehunga Borough	12,031.55
One Tree Hill Borough	12,115.45
Otahuhu Borough	6,101.08
Papakura City	10,324.72
Papatoetoe City	11,367.38
Takapuna City	44,254.18
Waitemata City	30,415.63
	<hr/> 461,158.74

Provincial: Statutory —

Hobson County	1,517.87
Hokianga County	212.92
Huntly Borough	1,354.40
Kaikohe Borough	170.57
Kaitia Borough	115.31
Kawerau Borough	495.30
Mangonui County	311.64
Murupara Borough	30.08
Ngaruawahia Borough	828.28
Putaruru Borough	342.24
Rodney County	21,248.01

Rotorua City	4,209.28
Taumarunui Borough	247.44
Taupo Borough	442.68
Waiheke County	1,143.40
Waitomo District (Urban Division)	396.88
Waiuku Borough	1,231.32
Whangarei City	7,354.36
Whangaroa County	189.28
	<hr/> 41,841.26

Provincial: Voluntary —

Cambridge Borough	100.00
Franklin County	1,200.00
Hauraki Plains County	100.00
Hikurangi Town	40.00
Matamata Borough	75.00
Matamata County	825.00
Morrinsville Borough	75.00
Otamatea County	400.00
Otorohanga County	320.00
Otorohanga District Community Council	80.00
Paeroa Borough	100.00
Pukekohe Borough	400.00
Raglan County	200.00
Tauranga City	200.00
Tauranga County	400.00
Te Puke Borough	90.00
Thames - Coromandel District	250.00
Tokoroa Borough	400.00
Tuakau Borough	200.00
Waihi Borough	250.00
Waikato County	500.00
Waipa County	150.00
Whakatane District	700.00
	<hr/> 7,055.00

Attendances

Last year we recorded a slight drop in attendances for the statutory year (1st April - 31st March) and we are pleased to be able to record a substantial increase this year. The past eight years' figures are as follows:

1971 - 72:	734,808
1972 - 73:	1,034,818
1973 - 74:	1,370,646
1974 - 75:	1,640,552
1975 - 76:	1,780,563
1976 - 77:	1,804,947
1977 - 78:	1,796,065
1978 - 79:	1,839,949

I have pleasure in concluding by expressing to Mr Turbott and his staff, members' congratulations on the progress made this year in all departments.

J. D. ATKINSON

Chairman of the Trust Board

Arrangements for the revision of leases and rentals were again attended to, and all properties were inspected and the standard of maintenance checked. A proposal by a property development firm for two of the properties was considered, but it was decided that in the meantime the Board should survey the development potential of all properties rather than proceed with any specific development: the survey is at present proceeding, assistance being given by the Board's agents, Messrs Samuel Vaile and Sons.

Thanks are again extended to Samuel Vaile and Sons, and to the firm's property manager, Mr H. V. Berry, for attending to maintenance requirements throughout the year.

The total of invested funds now stands at \$559,488.

Shortly before the Annual General Meeting in June, 1978, Sir Kenneth Myers tendered his resignation from membership of the Board, and this was received with much regret by the Council and by the Annual General Meeting. Sir Kenneth during his long period of service, a total of 40 years as a Board member and 23 years as Chairman, rendered outstanding service to the Board and to the work of the Museum, and his assistance will be much missed in Board matters. At the meeting of the Board on 7th June, 1978, I was elected to succeed Sir Kenneth in the Chairmanship.

The vacancy due to the retirement of Sir Kenneth was filled by the Council with the appointment of Mr J. D. O. Ellis, and we have pleasure in welcoming him to his seat on the Board.

Finally, we record with deep regret the death of a former member of the Board, Mr J. Campbell Rennie. Mr Rennie's period of service extended from 1953 to 1966, and he was on several occasions the Board's Acting Chairman.

R. E. THOMAS

Director

Institute Meetings

Our Monday evening lectures again drew most satisfactory attendances averaging 127 over the seven evenings. We have pleasure in thanking the following lecturers: Mr Clifford Hawkins, "The Arabian Sea and its Dhows"; Associate-Professor R. C. J. Stone, "The Pioneer Years of John Logan Campbell, Father of Auckland (an audio-visual presentation with dramatised readings and slides); Professor E. C. Young, "International Responsibility for Pest Management"; Professor D. M. Paton, "The Exploration of the Sympathetic Nervous System" (Annual Medical Association Lecture); Mr J. F. W. Hardingham, "The Newspaper and the Right to Know"; Mr G. A. Eiby, "Predicting Earthquakes". The final lecture was to have been Mr Simmons' Roger Buddle Memorial Lecture "Maori Art in European Museums: The

AIM Ann Report

1978 to 1979

Explorers' Legacy', but it proved necessary, when Mr Simmons was unexpectedly delayed in his return from overseas, to arrange a film evening and to postpone the lecture until the 1979 series.

Two additional evening functions were arranged in association with local authorities. On 29th August, we co-operated with the Auckland City Council in inviting a representative gathering of members of local authorities and guests to hear an address by Mr Stanley Heather, Comptroller and City Solicitor of the City of London; Mr Heather spoke on the history and organisation of the City of London administration, and showed a colour film. On the second occasion arrangements were made in association with the Auckland Regional Authority for an address by a distinguished visitor and Trustee of the Captain Cook Birthplace Museum, at Middlesborough, Lord Crathorne. Lord Crathorne, who was visiting Auckland in the course of a world tour to publicise the opening of the Birthplace Museum, spoke on Cook's early years and on events leading to the Birthplace Museum's opening.

Our annual lecture for post-primary pupils, the Archey Lecture, was delivered on 17th July by Professor A. T. Wilson, of the University of Waikato, on "Chemistry in Antarctic Research". Arrangements were again made in association with the Auckland Science Teachers' Association to whom our thanks are due.

As mentioned elsewhere in the Report, this year's special exhibition programme included the national opening and Auckland showing of the Philips National Science Fair. The fair was opened and awards presented on Saturday evening, 30th September, by the Minister of Energy Resources, the Hon. G. F. Gair.

Special Exhibitions, Assistance to Local Museums and Display Programme

In addition to the active Special Exhibition programme outlined below by the Extension Service Officer, Mr Wadham, we were fortunate in being able to show as our contribution to the 1978 Auckland Festival in April, 1978, "Craft New Zealand": this representative selection of New Zealand studio pottery, weaving, woodwork and other crafts was beginning its New Zealand tour before leaving on a comprehensive circuit of EEC countries and world centres. "Craft New Zealand" was designed and installed on behalf of the Queen Elizabeth II Arts Council of New Zealand and the Ministry of Foreign Affairs by Mr John Maynard; Mr Bayliss, in addition to participating as exhibition consultant, wrote the catalogue introduction, while our Display Department assisted as required throughout installation.

We have continued with our programme of circulating substantial travelling exhibitions in the provincial area under the Government financial aid scheme: the establishment and first stages of the scheme were mentioned in some detail in the 1974-75 and 1975-76 Annual Reports. This year the third and fourth exhibitions in our series have

gone on circuit. The third, entitled "Japanese Bronzes of the late 19th Century", comprises an attractive set of bronzes together with information sheets suitable for exhibition under supervised conditions, and was designed by Mr Bayliss shortly before his retirement.

Preparation of the fourth and final exhibition, "Fishes of Northern Waters", has been in progress throughout the year. Casts of the species chosen by Mr Stephenson were prepared by Mr Cappel, and painting, design and installation required the attention of all members of the Display Department staff for some months. The travelling display cases were designed by Mr Bayliss on the same pattern as that used for the second exhibition "Regional Variation in Maori Carving".

Professional assistance and the loan of material for display at the request of district and local museums have again been a feature of the year's programme: this has been furthered as mentioned in previous Reports by grants received in 1975 and 1976 under the Government scheme. Help has been given both through discussions with visiting staff members and representatives of local museums, and visits to local museums by our own staff to advise on organisation or display problems; in particular, the Director, Mr Simmons and Mr Wolfe have visited various museums in the area — in addition to normal visits by Mr Wadham — during the year.

Work on our major display project, the multi-media installation "Auckland — Past and Future Landscapes" has made excellent progress during the year and is well up to schedule. Under Mr Maynard's supervision all housing structures have been completed to the point where final decisions can be made upon the individual display installations; in addition, it has been possible for Mr Cappel to work in the gallery during the later stages of construction on two of the displays, the Motutapu and Rangitoto dioramas, while Mr Wolfe has made good progress with the panel dealing with the ancient volcanoes of the Waitakere area. Discussion has continued on other sections in preparation for installation as soon as constructional work is completed. The greater part of the housing has been installed by Mr E. C. Cox, to whom our appreciation for a highly effective one-man effort is recorded. We wish also to thank the Museum's Architect, Mr R. F. Draffin, who gave much time to the discussion of structural requirements with Mr Maynard, and arranged for the necessary building permits.

General reorganisation and up-grading elsewhere has included changes in the New Zealand Natural History and General Natural History Halls as part of the overall plan for the installation of "Auckland — Past and Future Landscapes".

Work in several sections is mentioned in departmental reports. In the Hall of New Zealand Birds a further panel has been completed by Mr Cappel, working in co-operation with the Director — this deals



Work in "Auckland — Past and Future Landscapes": Mr Cappel preparing Motutapu diorama

Vahry photo

with the extinct birds of New Zealand, and includes a range of mounted skeletons and a wire model of the extinct New Zealand eagle (*Harpagornis*).

Museum Conservation

Brief mention may be made of the progress achieved by Mr Cappel in the establishment of a museum conservation service to enable us to deal with requests to conserve objects received from the provincial area, as well as work on our own material. Mention of the Government grant which we received for this purpose was made by the President in last year's Report. Mr Cappel has given much time during the year to the planning and installation of a number of basic conservation facilities and has, in effect, set up a new department

capable of carrying out emergency conservation measures on a wide range of materials. Items dealt with have included numerous wooden artifacts; in particular, attention has been given to the major task of cleaning and preserving the *Salcombe Castle* windlass submitted by the Dargaville Museum. Miss Joanna F. Boileau was appointed last year as Temporary Assistant Preparator to assist Mr Cappel in the establishment of the conservation service.

Publications

Last year we recorded our appreciation to Mr A. E. Esler who had contributed the text and illustrations for a leaflet, "Common Trees and Shrubs of the Waitakere Range", for our popular leaflet series. We have this year issued a further authoritative and attractive leaflet kindly prepared for the series by Miss J. M. Dingley (formerly Mycologist, Plant Diseases Division, Department of Scientific and Industrial Research). Miss Dingley's leaflet, "Some Common Auckland Fungi: Mushrooms, Toadstools and Relatives", provides identification notes and comments on edibility for 32 of the most familiar species; the colour illustrations are mainly from a set of fine colour transparencies made available by the Plant Diseases Division.

A further popular publication this year is the Handbook — issued in January with a view to providing information for ANZAAS delegates — entitled "Natural History of Auckland: an Introduction" (edited: Dr P. J. Brook). The new Handbook comprises 11 of the articles by various authors originally published in the handbook for the 11th Royal Society of New Zealand Science Congress held in Auckland in February, 1965. The articles have now been brought up to date and in some instances re-illustrated: it is hoped that in its present form the Handbook will continue to provide a useful introduction to Auckland's natural history for some years. Much time was given by Dr Brook to the editing of the Handbook, and we have much pleasure in thanking him for his contribution.

The *Records* (Vol. 15: date of publication 1st December, 1978) contained 10 papers as follows:

- "Auckland prehistory: a review", by Janet M. Davidson.
- "Radiocarbon dates for three sites at Station Bay, Motutapu Island", by Janet M. Davidson.
- "Seasonal sea mammal exploitation and butchering patterns in an Archaic site (Tairua, N44/2) on the Coromandel Peninsula", by Ian W. G. Smith.
- "New and interesting records of adventive plants from the Auckland Institute and Museum Herbarium. 4", by E. B. Bangerter.
- "Annotated checklist of type specimens of New Zealand plants in the Auckland Institute and Museum Herbarium. Parts 1 and 2. "Pteridophyta and Gymnospermae", by Jeanne H. Goulding.

AIM Ann Report 1978 to 1979

- "Annotated checklist of type specimens of New Zealand plants in the Auckland Institute and Museum Herbarium. Part 3. Monocotyledones — Gramineae", by A. E. Wright.
- "New records of Neogastropod Mollusca from the Kermadec Islands", by W. O. Cernohorsky.
- "The taxonomy of some Indo-Pacific Mollusca. Part 6", by W. O. Cernohorsky.
- "The taxonomy of Caribbean — Atlantic Costellariidae (Mollusca: Gastropoda)", by W. O. Cernohorsky.
- "Further records of subantarctic Trichoptera", by K. A. J. Wise.

Thanks for continuing his high editorial standards in the publication of the *Records* are extended to Mr Wise, and our appreciation is recorded to the Editorial Committee: Professor R. C. Green (Anthropology), Professor F. J. Newhook (Botany) and Miss Joan Robb (Zoology).

Valedictory

My retirement later in the year will mean a break in my direct involvement with the institution in which much of my working life has been spent. In this last Annual Report, I take the opportunity of thanking past and present Presidents, Council members and the many Institute members from whom I have had much help and encouragement at all times, and especially since my appointment as Director. My greatest debt must be to my past and present colleagues on the Museum staff, and I take this opportunity of saying how much I have appreciated the support, loyalty and professional co-operation of all those, past and present, with whom I have worked during my term as Director.

E. G. TURBOTT

Astronomical Section (Auckland Astronomical Society)

Public, educational and observational activities have continued as in previous years.

The format of public evenings has been improved, a wider range of advertised lectures being presented in addition to viewing through the various telescopes at the Observatory. The response from the public has been very encouraging.

The first meeting of the International Astronomical Union to be held in New Zealand took place in November at the University of Waikato, in the form of Colloquium Number 46, "Changing Trends in Variable Star Research". The hundred odd participants included many leading professionals from overseas, several of whom took the opportunity to visit the Auckland Observatory and inspect our facilities. Of particular value has been the close link established with the Cam-

bridge University Astronomy group, and with observers from the European Southern Observatory in South America. Several joint observing programmes were organised ensuring that the already important contribution made by Auckland observers will be continued in the future.

Papers presented at Colloquium Number 46 were: "VW Hydri: Photoelectric observations during the 1977 May super-maximum" by B. F. Marino and W. S. G. Walker, and "UBV observations of some long period variable stars" by B. F. Marino, W. S. G. Walker, J. A. Beuning and G. Blow. Papers published in the Publications of the Variable Star Section of the Royal Astronomical Society of New Zealand (No. 6, 1978) were: "Photoelectric observations of the dwarf nova WX Hydri" by B. F. Marino and W. S. G. Walker, and "VW Hydri. Photoelectric observations of the normal outbursts" by W. S. G. Walker and B. F. Marino.

Officers for the 1979 year are: Patron, Mr B. Winstone; President, Mrs P. Dale; Vice-president, Mr M. Greaney; Treasurer, Mrs D. Paterson; Secretary, Mr O. Skarsholt; Assistant Secretary, Mrs R. Tyson; Curator, Mr D. C. Fisher; Librarian, Mrs K. Barrow; Editor, Mr B. F. Marino; Council, Mr O. R. Hull, Mr W. S. G. Walker, Mr A. Rennie.

R. TYSON

Conchology Section

The Section has again had a busy year and the monthly meetings, which have been well attended, have continued to provide valuable and interesting contacts.

Membership remains at around 330 which is most satisfactory.

Only two week-end trips were held during the year — one to the Bland Bay area over Easter and the other to Whangarei Heads; day trips to Waiwera and Cornwallis were also arranged. Violent storms in the middle of the year provided many good collecting areas for members.

Another three parts of "Poirieria" were issued during the year under the editorship of Mr & Mrs Gardner.

Sincere thanks are due to the Museum authorities and to Mr W. O. Cernohorsky and Dr A. W. B. Powell for their continued support of the Section, and for the facilities provided for our monthly meetings.

Guest speakers for the year were Dr Powell, Dr M. Miller, Professor J. E. Morton, Dr J. Grant-Mackie and Mr K. Grange.

Present Officers are: Patron, Dr A. W. B. Powell; Vice-Patrons, Professor J. E. Morton and Mr W. O. Cernohorsky; President, Mr R. C. Grange; Corresponding Secretaries, Mrs E. N. Gardner and Mrs E. T. Grange; Minute Secretary, Mrs P. Town; Treasurer, Dr D. Lamb.

R. C. GRANGE

Maritime Section (Auckland Maritime Society)

Although 1978 was another quiet year for the Auckland Maritime Society, it is pleasing to note that more young people have come forward as new members. This ensures a continuity of interest.

Regrettably, the Society lost two valued and long-standing members through the death of Mr F. Kemsley in March, and Miss M. Ratcliffe in July, 1978. Mr Kemsley, of Tolaga Bay, had been a generous supporter of the Society with regular gifts of photograph albums, maritime books and cash donations "to help the funds along"; he left the remainder of his collection of maritime material to the Society. Miss Ratcliffe helped out as "door keeper" on meeting nights for many years until her health failed shortly before her death — she made a special effort to see that new members were always made to feel at home.

Programmes were of a consistently high standard throughout the year. A particularly successful feature was a joint effort on Waikato shipping in June, by Mr N. A. Maffey and Mr R. McKay. Mr Maffey contributed historical black-and-white slides of early Waikato scenes and shipping; Mr McKay had managed to photograph in colour, the exact spots shown in the old photographs as they appear today, providing some striking contrasts. Mr Robin Linder gave a talk illustrated by a wide variety of ship slides, including some rare deck scenes aboard the *Queen Mary* when he addressed members in July. Constable John Ellingham of the police launch *Deodar*, gave a lively talk on the work of the wharf police to an audience of 40 at the September meeting.

The Society's Annual Dinner was held at the Esplanade Hotel, Devonport, on the evening of Wednesday, 18th October. The chairman, Mr R. M. Watt, gave a brief talk about the association of the Navy with Devonport since the early days of Auckland.

On Saturday, 18th November, a launch excursion was made to the head of the Tamaki River, then to Rangitoto, where members were taken on a bus tour of the island.

Membership of the Society is currently 191.

Officers of the Society are: Patron, Captain Ian McKay; Chairman, Mr R. M. Watt; Secretary, Mr C. A. Furniss; Treasurer, Mr F. K. Slattery; Committee, Mr R. M. Densem, Mrs M. Furniss, Miss M. George, Mr C. W. Hawkins, Mr W. A. Laxon and Mr J. O. Stone. Mr N. A. Maffey was forced to resign from the committee for health reasons in January.

C. A. FURNISS

Assistant Director and Ethnologist

Since I was absent overseas during much of the period covered by the report, I will do no more at this stage than mention very briefly the tasks undertaken since my return. I would like to take the opportunity first of thanking Mrs Nola Arthur who very capably filled the position of Acting Ethnologist during my absence. In addition to maintaining the full range of departmental activities, Mrs Arthur undertook to sort and document the large series of photographs which I sent back at intervals from overseas.

Some time has been given since my return to editing "Pacific Art", a volume of photographs by Brian Brake of Pacific objects in New Zealand museums, to be published in 1979 by the Oxford University Press, in conjunction with the Queen Elizabeth II Arts Council.

I have given ten lectures since my return, and have helped various groups requiring information on Maori and Pacific subjects, including a Belgian television team filming for the Eurovision network.

In my position of carving adviser to Orakei Marae Trust Board, I was very pleased to see on my return, the progress that had been made with the carving of the meeting house. The front of the house is now almost completed and good progress made with the rest of the house. It is pleasing to note at the same time that the carvings have been completed for the Hoani Waititi Marae at Te Atatu and are now being erected. Similarly, the Mataatua marae project at Mangere is progressing well. These urban marae will add to the already established marae to provide a network of Maori cultural centres around the greater city area. Involvement with the island Polynesian centres has been less direct than with the Maori, but a similar development is taking place.

Research Visit to Study New Zealand Collections in European Museums

My main object during my 10 months overseas was to survey the Maori collections in British and continental museums — a similar programme was carried out during my tour of the United States and Canada in 1973. I left Auckland on 24th February and returned on 15th December, 1978.

The following were the aims of my research programme:

1. To make a record of collections not otherwise recorded.
2. To study collections made by early navigators hopefully dated or located to particular periods or places.
3. To obtain information from those sources on regional variations in material culture, both geographically and chronologically.
4. To record, particularly, information on tribal carving styles for use of present day carvers wishing to inspire themselves for the future.

AIM Ann Report 1978 to 1979

It is possible in the present report to deal only very briefly with the collections examined and the results of the tour, and accordingly comments will be made only upon (1) and (2) above.

(1) Visits were paid to 69 museums with Maori collections, fifteen museums in France, two in Italy, three in Switzerland, one in Austria, eight in West Germany, two in East Germany, one in Denmark, one in Sweden, one in Russia, twenty-seven in England, seven in Scotland and one in Ireland. Some ten other museums in Europe or England have small Maori collections which have been recorded by other workers.

These 69 museums contain about five thousand Maori artefacts which have now been recorded. The major collections are those of the British Museum, the Berlin Museum, the Dresden Museum, the Cambridge Museum, the Oxford Museum, the Edinburgh Museum and the Vienna Museum. The British Museum has an enormous collection of about 2000 pieces, the Berlin and Dresden Museums each have about five hundred items and Cambridge has about two hundred. Some museums, such as Gottingen University Museum, have small collections of great scientific interest.

(2) The collections made by early navigators or during their voyages are dated:

Captain Cook	(1769-1777)	of England
De Surville	(1769)	of France
Du Fresne	(1772)	of France
Bellingshausen	(1820)	of Russia
Duperry	(1824)	of France
D'Urville	(1826-7, 1840)	of France

The major collections are those of Cook. On the First Voyage in 1769-70, he called at various places on the East Coast, Coromandel, Thames and Queen Charlotte Sound. Collections from this voyage are held in Stockholm (the Banks Collection), British Museum, Cambridge Museum, the National Museum in Wellington, and probably Munich.

On the Second Voyage (1772-5), Captain Cook called at Dusky Sound and Queen Charlotte Sound. Collections from this voyage are in the Pitts River Museum, Oxford (Forster Collection), Gottingen University (Forster Collection) and Cambridge.

Captain Cook's Third Voyage (1777), involved only a brief call at Queen Charlotte Sound.

Most of the collections identified as Cook in various museums seem to date to this period having been collected by officers of his ship and either sold on arrival in England or presented to museums, e.g. the Webber Collection in Berne Museum, presented by the artist on the Third Voyage.

The collection of Cook artefacts in Dublin dates either from the Second or Third Voyage. Dr Patten, surgeon on the Second Voyage, gave a collection to Trinity College which cannot now be distinguished

from a Third Voyage collection presented to the same college by Captain King, who took over from Cook on his death. Similarly, the collection in Cambridge from the First or Second Voyage cannot now be distinguished.

Two major sources of Cook artefacts from the Third Voyage are the private museum of Sir Ashton Lever, which was sold in 1806, the later Bullocks Museum sold in 1819 and the earlier collection of the dealer Humphries who held a sale of artefacts from Cook's voyages in 1782. Artefacts from these sources are in Gottingen, Vienna, Florence, Berlin and Exeter.

There are also other collections which are "Cook Collections" by museum tradition but without any objective proof. Nevertheless, the objects themselves are often early and of very great importance. For example, there is a carving in Berlin Museum which has been cut into many pieces to fit into a sailor's kit bag. It can be traced in museum records to 1819 but not to Cook. It is thus the earliest collected house carving for New Zealand, even if it is not from Captain Cook. The style is appropriate to the Cook Strait area. Small collections of probable Cook provenance were found in Munich, Boulogne and Hull. These had previously been unknown.

The numbers of well catalogued objects attributed to the various voyages is actually very small, disappointingly so. However, from these it is possible to come to some conclusions on the cultural variations of the time and to isolate movement. Items collected on the First Voyage can be quite easily separated as to area of origin within New Zealand. Artefacts collected at Queen Charlotte Sound separate into two areas of origin, Cook Strait and East Coast.

It is quite clear that while there are minor differences, the main culture evident at Queen Charlotte Sound is basically common to the western coast of the North Island as well as the Sounds. There are some items of South Island origin, notably striped cloaks and greenstone.

In the First Voyage collection, and during later voyages, there are items of East Coast North Island manufacture. The actual artefacts seem to correspond with those recorded as being traded from Te Ratu and his people, who came from Cape Terawhiti. Te Ratu himself can be traced in Ngati Kahungunu genealogies from Hawke's Bay and Wairarapa.

On the Second and Third Voyages, the majority of the artefacts being traded seem to be more specifically from the Wanganui-Taranaki area. The local element is present but the East Coast items appear to have gone. Third Voyage artefacts are numerous even though Cook was only in Queen Charlotte Sound for a brief period. A more detailed examination of the artefacts recorded will probably add considerably to this picture. For example, a paddle in Dublin with a dished blade like those of Polynesia, is decorated with a head carved on the blade. It was collected on the Second or Third Voyage. On

stylistic grounds the carving should belong to the Horowhenua Coast of the North Island, but the form of the paddle is only known from examples found in Otago. Two other specimens of very similar style were found in the British Museum stores. They are probably the work of the same carver as the Dublin one.

The Russian explorer Bellingshausen, was in Queen Charlotte Sound for nine days in May, 1820. The people he contacted were living near Motuara Pa where Cook landed. In his collection in Lenin-grad, there are four dished "South Island" paddles, two decorated with carving very similar to the above. Other items he collected, such as cloaks, are almost identical in the method of manufacture to one example from Cook's First Voyage in Stockholm and others in Cook Collections in Florence, Vienna, the British Museum and Glasgow. This is a fairly clear indication that people using the very distinctive techniques were present in Queen Charlotte Sound from 1770 at least until 1820. They were a people with affiliations to the other side of Cook Strait and notably with Horowhenua, but their cloak-making women, at least, were probably of South Island origin. In these examples the evidence, while appearing to be contradictory, actually is consistent with the records and traditional history of the area in that some of the people seen on the First Voyage were still in residence in 1820 even though there is strong evidence of people from the East and West Coasts of the North Island arriving in the area.

The French voyagers, Duperry in 1824 and D'Urville in 1826-27 made collections from New Zealand, but like many of the Cook collections the material is very poorly documented. The Naval Hospital at Rochefort was the recipient of collections made on both these voyages but never catalogued. A search was made for the original accession entries but apparently these were never made.

Similarly, the collections in the National Museum of Antiquities at St Germain en Laye were originally in the Louvre where they are just noted as "probably having been given by early navigators".

Some items from D'Urville have now been identified on the basis of written notes in his handwriting attached to the objects and these, on the basis of style, can be used to authenticate the other items.

The D'Urville material from Tasman Bay again shows the mixture of South Island style cloaks with brown and black stripes allied with taniko in the style of Taranaki. This again indicates that movement from the North Island had occurred but again had resulted in amalgamation of invader and local rather than replacement. Traditional sources would suggest that the people D'Urville saw identified themselves as Ngati Apa from Wanganui. They were conquered less than a year later by Ati Awa from North Taranaki under the chief Puoho.

A collection in Berlin Museum which was accessioned in 1824 is derived from a Captain Hadlock, probably a whaler. A similar early collection with good documentation was collected by a Dr David Ramsay in 1825 and is in Perth Museum in Scotland. Saffron Walden

Museum in Cambridgeshire has a small collection from Tyerman and Bennet in 1835 and another from a local traveller obtained in 1830. These collections are better documented than most of the missionary collections.

Many other collections of very great interest were found in various museums and some surprising discoveries made. For example, the Hunterian Museum of the University of Glasgow has known Cook artefacts given by Captain Cook to his friend Wm Hunter. The known items were recorded, then the staff asked my assistance in sorting out the rest of the Cook material which they believed was from the N.W. coast of Canada. It had been kept in cupboards and never brought out or put on exhibition. It was found to include about eight New Zealand cloaks; some of these were decorated with dogskin strips at the corners in the manner of Queen Charlotte Sound in the 18th century. The dog hair which is usually grey or absent in most known cloaks, was in these cloaks, fresh and new, rich reddy-brown and white. The same applies to the taniko which had not lost any of its colours.

In Florence, there is a large collection made by an artist, Biondi, in 1860. The material is all from the Bay of Plenty and includes eight war canoe prows and sterns. These could be clearly identified as early and late work of Ngati Tarawhai of Arawa.

Traditionally, Ngati Tarawhai were canoe carvers before 1860, when they turned to house carving. No clear examples of their canoe work have been preserved in New Zealand. It is clear that by 1860 the prestige symbol of a chief, the possession of a well-carved war canoe, had been replaced by a carved house and the canoes were no longer of any social use and were sold to whoever would pay for them.

If New Zealand museums had been active at the time they could have collected many canoe carvings. Otago Museum was not established until 1862 and Auckland was not active in this field until 1868. We are in some ways fortunate that so much was preserved overseas.

Commenting generally on the results of the tour, the photographs and records made will be kept in the Gilbert Archey Archive and general photographic archive of this Department, and will be available to any carvers or interested people who may wish to study them. It is of interest to note that the Museum now has a record of over 90% of all Maori artefacts preserved in museums and collections throughout the world.

I take this opportunity of thanking the Institute and Museum Council, the Queen Elizabeth II Arts Council, the Whakatohea Trust Board and the British Council for the financial support which made the tour possible. The authorities in the various museums were wholehearted in their co-operation. This was repaid by making a list identifying all the Maori material, or in some cases all the Pacific material, held in the museum.

D. R. SIMMONS

E. Earle Vaile Archaeologist

Research during the year centred on two major projects: analysis of excavated material from the Solomon Islands and the Golson collection from New Zealand. Both of these were essentially laboratory projects. Fieldwork was restricted to short local inspections and a more extended visit to newly discovered sites in the Eastern Bay of Plenty and the East Cape region.

The material excavated on Taumako in the Solomon Islands during the previous summer arrived in New Zealand in two instalments. The more fragile artefacts came by air freight in May and the bulk of the material, including the large collection of skeletal remains, by surface in early August. I made two trips to Dunedin to assist my colleague, Dr B. F. Leach, with the unpacking, sorting and cataloguing of the material at the Anthropology Department, University of Otago. The skeletal remains were transferred to the Anatomy Department, Otago Medical School, for detailed study, while the bulk of the midden from the excavations is being studied in the Otago Anthropology Department. The artefacts were sent to Auckland for study during the summer by Dr Leach and myself and will later be returned to the Solomon Islands. We expect to complete a monograph on the project later this year. Study of the material involved much background research in which the Museum's Melanesian reserve collections and the resources of the Library were of particular assistance.

The Golson collection of archaeological material from the Auckland Province, held until recently in Australia, was presented by Professor Golson in May, and is a most notable acquisition. It consists of assemblages from excavations directed by Professor Golson in the 1950s at sites on Motutapu Island, in Auckland City, and on the Coromandel Peninsula. The material is therefore closely related to previous and ongoing research carried out by myself and by others working under my direction. A Lottery Board Research Grant was obtained to assist the analysis of the collection in preparation for publication. In addition to the description of artefacts, the project involves faunal remains, and the collection is accompanied by detailed documentation. Full reports on each of the sites and on various aspects of the collection are in preparation and will probably be published as a monograph with introductory and concluding sections by Professor Golson. Miss Joanna Boileau carried out the initial sorting and cataloguing of the collection, assisted for part of the time by a holiday assistant, Miss Lauren Poole. Miss Boileau has undertaken to write a report on one of the sites as part of her work on the project.

In September, I gave notice of my intention to leave my position in February in order to marry and settle in Dunedin. Much of my time during my last six months was devoted to ensuring that the archaeological collections and associated photographic and documentary materials were in as good a condition as possible for my

successor. This involved some major reorganisation which had been contemplated for some time, particularly in the storage of material, and the indexing of the entire collection according to New Zealand Archaeological Association site numbers.

Until February, I continued to be the New Zealand Archaeological Association's Auckland filekeeper and the files remained in my office. The files have always been important in many aspects of protection and management of archaeological sites, and are much consulted both by University students engaged on research projects and by people from many walks of life concerned with conservation. In my capacity as filekeeper, I attended a meeting of all regional filekeepers in Wellington sponsored by the New Zealand Historic Places Trust. Throughout the year I was greatly assisted in maintaining the file by Mrs Susan Bulmer, who is employed by the Historic Places Trust to revise and upgrade the records of archaeological sites, particularly in the metropolitan area.

In recent years, the great upsurge in site recording sponsored by the Historic Places Trust has led to a significant addition to the Museum's archaeological collections in the form of surface collections made by people undertaking site surveys. These finds are subject to the Antiquities Act, with a consequent increase in paper work relating to their notification, custody, and cataloguing.

As usual, advice about archaeological sites was given to various Local Bodies, Government Departments, and other agencies. Lady Fox continued her own research. Her assistance, as in previous years, was very much appreciated. The archaeological collections continue to be used by undergraduates of Auckland University and by advanced students of both Auckland and Otago Universities engaged on research projects, as well as by various other researchers.

In June I attended the New Zealand Archaeological Association Conference in Nelson, and in January I attended the ANZAAS Congress in Auckland. Lectures were given to a variety of groups during the year.

I continued to serve on the Bay of Islands Historic and Maritime Park Advisory Committee until July. At that time the committee was disbanded in preparation for the formal establishment of the Park and creation of a Park Board. In July I resigned from the New Zealand Historic Places Trust, of which I had been a member for ten years. Until my resignation, I continued as Chairman of the Archaeology Committee and attended meetings of the Trust Council and its Finance Committee. I was reappointed to the Royal Society of New Zealand's National Quaternary Committee for a three-year term. I also accepted a position as Associate Editor (Anthropology) of the *Journal of the Royal Society of New Zealand*.

JANET M. DAVIDSON

Curator of Applied Arts

Mr Bayliss retired on 12th August, and on my taking up the curatorship on 30th October, I began familiarising myself as quickly as possible with the diverse collections in the department. During the period April - August, Mr Bayliss, in addition to continuing to supervise the installation of the various applied arts special exhibitions, gave much time to bringing departmental records up to the highest standard; in particular, he prepared an invaluable survey of the main features of the Applied Arts collection, and of its principal single accessions covering the period of his curatorship.

Mr Bayliss also designed and supervised the preparation of the third provincial travelling exhibition under the government scheme, "Japanese Bronzes of the Late 19th Century", which is now on circuit. He gave, as usual, a number of lectures, and co-operated in the preparation of two South Pacific Television half-hour programmes, introduced by Mr Hamish Keith, on the displays in the new Hall of the Pacific.

Since taking up my post I have given some time to improving the access to and arrangement of the collections of studio pottery and ceramics used for alternating displays, as well as for study by studio potters and others on request; attention has also been given to improvements to access to the comparable reserve collections of furniture and colonial items. At the same time, the recording system established by Mr Bayliss has been maintained, including the continuing task of photographing all items for record purposes: much assistance in the maintenance of the recording system has been given by Mrs McBirney.

Attention has been given to the incorporation of recently received items in the displays, while the studio pottery series has been completely changed with a selection from the reserve collection made by Messrs Richard Rudd and John Parker, of the Auckland Studio Potters — the material installed shows the development of studio pottery in New Zealand from about 1940 to the present day, as well as examples from Japan, Britain and Australia which have influenced New Zealand potters.

A three-panel display case became available as the result of the re-arrangement of the New Zealand Natural History Hall, and this has been installed in the passageway leading from the Disney Hall to the Logan Campbell Galleries (outside the Curator's office), to be used for frequently changing selections from the reserve collections: the first installation comprises Meissen and Dresden wares, and certain derivatives. A smaller case was also available, and has been installed on the landing near the entrance to the Disney Hall for frequently changing displays drawn from the textile and costume collections.

Assistance has been given in the establishment of three of this year's Special Exhibitions, the "Bank of New Zealand Weaving Awards Exhibition", "Turkish Embroidery" and "Samplers". The Turkish embroidery exhibition, comprising material kindly lent by Mrs Sigrid Volkers, proved to be most successful; following this, the Embroiderers' Guild assisted greatly in the assembling of the exhibition of samplers, which had been arranged to coincide with the visit to Auckland of Miss Joan Edwards, of the Victoria and Albert Museum. A number of samples from our own collection, cleaned and renovated by Mrs Judy Smith and Mrs Audrey McBirney, were included in the latter exhibition. Miss Edwards gave two most interesting illustrated lectures during her visit, one on samplers for the benefit of the Embroiderers' Guild and their friends, and the other in the Institute and Museum's Monday evening series.

I have lectured to several societies since taking up my post, and have given guided tours to others in the Museum halls.

Tribute must again be paid to the wonderful care given to the furniture collection by Mr Ross-Lowe and his ever ready willingness to answer visitors' enquiries relating to this part of the collection; Mr Ross-Lowe has also lectured to two groups on the history of furniture.

Reference may be made to several important loans: a sixteenth century Scottish silver quaich, or two-handled drinking cup, from Master Hugh Milsom; an anonymous loan of six pieces of late nineteenth century silver gilt tableware; a collection of ninety-four pieces of Belleek, from Mrs C. Khan; a Soumak rug, from Richard and Dorothy Cooke; and contemporary studio pottery deposited by the Auckland Studio Potters Association.

Gifts have included a number of pieces of Chinese and European china and glass from Mr L. Wintle; a Chinese decorated silver presentation bowl from Dr E. C. S. Little; an English pewter flagon of about 1605 from Mr J. C. Fenton (an addition to the J. C. Fenton Collection); and an ebony jewellery box with a selection of Victorian and Edwardian jewellery from Miss A. T. H. B. Cumming. Purchases include an example of modern back strap weaving; a satinwood card table; a tapestry by Ida Lough, of Christchurch; a piece of pre-Columbian pottery; a Belleek parian figurine; and an art nouveau cameo glass vase by Daume of Nancy, France.

B. D. MUIR

Curator of War Relics

Most of the time available has been spent in sorting and rehousing the firearms and military sword collections. The uniform collection has been given a thorough check and improvements made to the storage area.

Several table cases became available this year from other departments, and this has enabled temporary displays to be set up. These include Mauser automatic pistols, Luger automatic pistols, flare pistols,

AIM Ann Report 1978 to 1979

and two sets of swords. Temporary displays have also been installed to coincide with the commemoration of the Battle of Britain, Alamein and the Gallipoli Campaign.

Captain Corbett is making considerable progress in establishing our displays of medals and regimental badges; he is also re-housing the medals in the reserve collection and entering them in the new catalogue system.

Axle stands have been placed under the 25lb cannon to protect its tyres, and safety chains fixed around its platform to prevent its accidental release: we are most grateful to Mr C. Arndt who designed the stands and made them for us free of charge.

Mr Cappel has cleaned and preserved the World War I Minenwerfer which was showing signs of fluid leakage from the recoil cylinders, as well as carrying out conservation work on several swords and firearms.

J. H. WADHAM

Botanist

Thanks to a grant-in-aid from the Auckland Savings Bank a new and larger bank of mobile shelving was obtained for the herbarium and installed next to the existing unit installed in 1973. The new shelving holds over 1,000 boxes of specimens, compared with 450 held in the same area on the stationary wooden shelves; the increased storage space has made it possible to adjust overloaded boxes and opportunity has also been taken to mount and incorporate into the herbarium a large collection of plants of the Auckland area made by the Auckland Botanical Society in 1952. Better storage for the algae collection was provided by cutting up some of the old wooden shelves and fitting them against a wall.

The total numbered mounted plant specimens in the herbarium at the end of March 1979, was 149,751, over 6,000 being added during the year — a much greater increase than the yearly average of 2,000 recorded in recent years. Thanks are due to Mr Anthony Wright for large new collections, to overseas herbaria for exchange material, and to Mrs Hynes, Mrs Bangerter and Mr Peter Bartlett for mounting it all. Duplicate specimens were sent as exchange to 11 herbaria and received from six; outgoing loans numbered 12 and incoming, five.

Mrs Phyllis Hynes, Associate Botanist, retired in August 1978. For 28 years she had come in every Wednesday to help in the general care of the botanical collections and in particular, the mounting of specimens, often of her own collecting. Ferns and weeds were her specialties and she could quickly identify plants in the field or the herbarium. As a plant collector she was outstanding and the Cheeseman Herbarium has literally thousands of specimens collected and processed by "P. Hynes". Her collecting ranged from the far North, including many off-shore islands, to Stewart Island. With so many

of her collections preserved in the herbarium (in quantity rivalling the collections of Mr Cheeseman himself), there is little likelihood that Mrs Hynes' work at the museum will be forgotten, but Wednesdays are not the same without her.

Mr E. B. Bangarter, Hon. Associate Botanist, has completed a task he began six years ago — the transfer of all mounted plant specimens in the herbarium into species and locality folders, at the same time adjusting overloaded herbarium boxes. He continues to collect weedy specimens of the North Shore (in duplicate for the benefit of the overseas exchange programme) and his general assistance and interest in the collections is greatly appreciated. The fourth part of his "New and interesting records of adventive plants from the Auckland Institute and Museum Herbarium" appeared in the *Records* of 1978 and he has prepared the fifth part for the next volume. Mrs Bangarter offered to help with the mounting when Mrs Hynes retired, and her assistance has been most welcome.

Mr Anthony Wright was employed during university vacations and on two days a week during the last term. He made extensive collections, for the herbarium on Great Barrier Island and the Cavalli Islands. His list of types of Graminae in the herbarium, was published in last year's *Records*. His assistance in the herbarium has been of the greatest value, especially during the move to mobile shelving and in organising and supervising work for Mr Peter Bartlett, a student employed through the Labour Department scheme from November to January. Between them they re-labelled all the herbarium boxes on the new shelves and sorted, re-assembled and labelled the algae collection.

Dr Rhys Gardner, Botany Division Sub-station, D.S.I.R., has used the herbarium frequently, often helping with plant identifications and incorporating and filing mounted specimens.

Miss K. Aziz, from Pakistan, once again spent much time in the herbarium studying our large-leaved *Coprosma* and loan material, sent to us at her request, from Wellington, Paris and Vienna.

Twelve visiting botanists came in to use the herbarium during the ANZAAS Congress in January. Visitors from Australia included our former Botanist, Dr A. E. Orchard (Tasmanian Herbarium); Professor Carrick Chambers (University of Melbourne); Dr N. H. Brittan (University of Western Australia); Dr Jocelyn Powell (New South Wales Herbarium) and Mr R. J. Chinnock (South Australian Herbarium).

A temporary display of Eric Craig's fern albums, mounted specimens and advertisements relating to "Craig's Fern Museum" of the 1880s has been set up in the New Zealand National History Hall. In addition, a changing display of live native plants has been maintained at the entrance to the hall. I attended several meetings of the Auckland Botanic Garden Advisory Committee at Manurewa.

AIM Ann Report 1978 to 1979

A paper dealing with the Pteridophyta and Gymnospermae, forming part of the series "Annotated checklist of type specimens of New Zealand plants in the Auckland Institute and Museum Herbarium", was published in the *Records* (Volume 15), and Part 4 is in preparation.

JEANNE H. GOULDING

Entomologist

During several previous years I was largely committed to the preparation of my "Checklist of New Zealand Hexapoda" (*Bulletin of the Auckland Institute and Museum* No. 11, Dec., 1977) and the past year has been one of catching up on departmental and research work. Nineteen requests for research material have been processed and the insects requested sent out on loan; several loans have been returned, including a research collection of Three Kings Islands Hemiptera from Dr T. E. Woodward (University of Queensland).

Seven research loans of primitive, southern and aquatic insects have been examined by me and the insects returned with identifications and other information required. Identifications of three other small collections have just been completed; these were two from the subantarctic Bounty Islands and one from the coastal zone which is now being compared with other shore collections already in the Department.

In the course of my research work on insects of the southern islands, New Zealand and the Pacific, I have read and indexed much of the available literature and have also borrowed several lots of specimens from other institutions for comparison with material in hand. It is becoming more and more evident that species of spring-tails (Collembola) are sometimes more widespread than previously realised, both in a southern hemisphere and a world-wide context, and close relationship in the Collembola of New Zealand, subantarctic islands and South America is becoming evident. It is thus necessary for New Zealand species to be compared as widely as possible with species from other areas.

Mrs J. M. Gurr has continued to assist in the Department and, in addition to normal curating, she has been responsible for the rearrangement of several parts of the main collection and for incorporating new or recently identified specimens.

The Auckland branch of the Entomological Society of New Zealand made a Saturday morning visit to the Department, 15 members participating.

A project of special interest arose from an earlier association with the Encyclopaedia Britannica (of Chicago, U.S.A.) for which I wrote three insect articles for the new 15th edition of 1974. This year I was invited to edit and review the new section on insects, involving 100 printed pages, prepared for the next printing.

The ANZAAS Congress was held in Auckland in January and as Museum member of the Zoology Section Committee, I arranged for displays concerning Museum Zoological research projects; in addition, several visiting entomologists made use of the Department at that time.

Editorial work this year included *Records of the Auckland Institute and Museum*, Vol. 15, published on 1st December, 1978. An index for "*Archaeology in Western Samoa*", published in two volumes as *Bulletin of the Auckland Institute and Museum* No's 6 and 7 (Editors: R. C. Green and Janet M. Davidson), has also been prepared for printing.

K. A. J. WISE

Malacologist

The Department has continued to provide services to the public with identifications, advice on cleaning, collecting and preserving specimens, scientific literature and other information. I am again grateful to Dr A. W. B. Powell for his assistance with enquiries relating to New Zealand Mollusca.

Assistance with identifications, taxonomic and related problems has been given to Dr H. Turner, Swiss Federal Institute for the Environment; Professor Green, Auckland University; the Natal Museum, Pietermaritzburg; Sir Raymond Firth; the Western Australian Museum, Perth; the Biology Department, National Museum and Art Gallery of Papua New Guinea and the Brussels University Biological station at Laing Island, Papua New Guinea.

Requests for the loan or information on types has been received from various institutions. In addition, type specimens have been received on loan from the National Museum, Wellington; the South Australian Museum, Adelaide; the Australian Museum, Sydney; the Los Angeles County Museum; the Museum of Comparative Zoology, Harvard; the Rijksmuseum, Leiden; the Natal Museum, South Africa, and the National Sciences Museum, Tokyo.

A valuable reference collection of 520 lots of New Zealand shells has been received from Mrs L. H. Hosking. Specimens of recently described fossil Nassariidae have been received from the Western Australian Museum, Perth. A small collection of New Zealand Mollusca has been exchanged with Dr T. Zubillaga from the Olsacher Museum in Argentina.

During the year visitors to our Department for the purpose of study were Dr B. Wilson and Dr F. Wells, Western Australian Museum; Mr T. Darragh, National Museum of Victoria; Dr W. Ponder, the Australian Museum, Sydney; Dr H. A. Rehder, Smithsonian Institution, Washington; Dr J. McCoy, Department of Fisheries and Mr E. Dawson, N.Z. Oceanographic Institute.

From the 25th February, 1979, to the 10th March, 1979, I carried out research work at the Australian Museum, Sydney, toward a monograph of the New Zealand and Australian species of the molluscan family, Costellariidae, a grant of \$1,000 having been received from the Lottery Board of Control Scientific Research Distribution Committee for this purpose. Relevant collections were examined, approximately 200 photographs of types and other specimens were taken and literature unavailable in New Zealand was either copied or xeroxed. While at the Museum, I was invited to attend a Curator's meeting dealing with proposed changes to the Code of the International Commission on Zoological Nomenclature.

During the year the exhibits in the former Shell Gallery were transferred to the New Zealand Natural History Hall. Miss J. Mackenzie and Mr N. Scott temporarily assisted during the year in the Malacology Department, compiling molluscan species card-files and curating wet collections. Paratypes of new molluscan species described by me have been donated to the Bernice P. Bishop Museum, Honolulu.

Research during the year has dealt with molluscs of the Kermadec Islands, Marianas Islands, Indonesia, Papua New Guinea and French Polynesia. A catalogue of world-wide Nassariidae has been completed for publication and Monographs on Mitridae and Buccinidae are in preparation.

W. O. CERNOHORSKY

Honorary Research Associate in Mollusca

It is now almost four years since arrangements with Messrs William Collins (New Zealand) Ltd., were finalised concerning the publication of my new manual of the New Zealand mollusca. Proofs of the whole work were corrected and returned to the printers some months ago and all that is required now is a complete coverage in proofs for a final check before going to print. It is hoped that the book will finally appear before the end of this year.

Work continues with three papers on turrid molluscs concerning deep water material from off New Zealand, the Red Sea and Madagascar.

Requests for information, identifications and loan of molluscan material still occupies some of my time both at the Museum and at home. This has included checking the L. H. Hosking Collection presented this year to the Museum with Mr Cernohorsky, and the incorporation of the New Zealand material in our collections; midden shell material was identified for Mr J. Coster of the N.Z. Forest Service.

A. W. B. POWELL

Marine Biologist

The provincial travelling exhibition under the Government scheme, "Fishes of Northern Waters", has been completed and is now in circulation. The display, comprising six units, consists of casts of local fishes, and is arranged ecologically, a different environmental grouping being displayed in each unit.

Besides the addition of specimens caught in an earlier offshore survey by the R.V. *Kaiyo Maru*, reference collections have continued to expand through the incorporation of fishes and invertebrates from regular catches of the trawlers *Ikateri*, *Donna Marie* and *Lord Nelson*. In the early summer (1978-79) a series of independent catches or strandings along northern and East Cape shores provided specimens of several uncommon fishes, normally found in oceanic Indo-Pacific waters; included were an oilfish (*Ruvettus*), an oblong sunfish (*Ranzania*), a crested bandfish (*Lophotes*), an oarfish (*Regalecus*) and a slender billfish (*Tetrapturus*). In addition, stranded juvenile specimens of two lesser-known cetaceans, *Cephalorhynchus hectori* and *Hyporoodon planifrons*, were recorded at about the same period.

An extensive sample of Antarctic fishes, mostly Nototheniids (cod-like fishes), covering about ten species has been added to the collections. The collection, for which arrangements were kindly made by Mr Allan Berry, was obtained as part of the Auckland University Antarctic programme (1978-79) under Dr John McDonald.

During two scientific meetings, the International Symposium on Marine Biogeography and Evolution in the Southern Hemisphere and the ANZAAS Congress, several visiting biologists used our reference collections, and the opportunity to discuss the collections and research in progress was very much appreciated. Assistance was given during both meetings with local field trips.

Research into host specificity and site selection of cymothoid fish parasites has continued, and a manuscript relating to an undescribed species recovered from samples of deep-water dories is in preparation.

Repairs to deteriorating seams and fabric in the sails from the yacht *Iron Duke* were kindly made as a donation to the Museum by E. Jones (Hood N.Z. Ltd) — Mr Jones' interest in *Iron Duke* comes from his earlier association with the boat for which he made at least some of the original sails. With the assistance of our conservation unit the sails, before re-rigging, were treated to prevent deterioration by fungus and iron stains.

A. B. STEPHENSON

Associate Ornithologist

The range of beach wrecked specimens submitted for identification has increased. Of particular interest was a Leach's Fork-tailed Storm Petrel, the skin of which is now in the collection. Unfortunately most of the rare and unusual specimens are too decayed to make study skins, but skeletons are retained, even if incomplete.

The temporary and indefinite loans systems continue to be much used. A representative range of native birds were assembled for a display case at the headquarters of the Morrinsville Acclimatisation Society.

In June I attended the International Ornithological Congress, in West Berlin, where the emphasis was on involvement in conservation and the urgent need for world-wide preservation of habitat. Informal discussions with curators from different museums were helpful in exchange of ideas over problems of storage and cataloguing. Information gained from attending special interest groups, especially one on Historic Collections in Museums, will be useful in the Department. Later, in Britain and the U.S.A., I was able to view collections of New Zealand bird skins, concentrating on the New Zealand Dotterel. During my absence the Department was kept functioning by Mrs P. Fooks.

More material has been supplied to Mr R. L. Palma, Entomologist, National Museum, for his work on Mallophaga; similarly specimens have been made available to the Entomology Division, D.S.I.R., for work on ectoparasites.

Among additions to the skeletons was that of an Emu from the Zoological Park, an immature bird which had to be destroyed after injury by vandals. In the mammal section, a mounted cow skeleton, donated by Mr J. Gifford, of Tamaki College, will be most useful for reference.

SYLVIA REED

Librarian

The past year has been another satisfactory one for the Library and services have been maintained at a high level. Increasing public awareness of the Library and its facilities has, however, meant greater demands on staff and the number of reference enquiries, particularly from genealogical researchers has increased dramatically. Despite the lack of full-time cataloguing staff, a satisfactory rate of accessions has been maintained. 1653 books were added to the Library, and there is now a total of 56,682 volumes, excluding periodicals and newspapers. A total of 9122 persons used the collections and 7489 books were borrowed by members.

The generous response of Institute members to the Library Purposes Fund Appeal has been extremely heartening and has made



The Library's New Zealand Room

Vahry photo

possible the purchase of a complete set of microfilms of the *Weekly News* covering the years 1863-1900. All these microfilms are available for consultation and their purchase will greatly assist the preservation of the original bound volumes. A set of nine numbered limited edition prints, the *Endangered Birds of New Zealand* has also been purchased from this source. In addition, the library's set of the rare Auckland newspaper, the *Weekly Graphic* has been rebound with the aid of the fund. I should like to thank institute members for their continuing generosity which is making such important projects possible.

As in past years many notable donations were received from members and others. These included a water-colour portrait of Rev. J. F. Churton, first vicar of St. Paul's Church, Auckland, probably painted by Thomas Heaphy, father of Charles Heaphy, presented by Miss K. N. Woodhouse. Badges, diaries and other items relating to the late Mr G. H. Dixon have been bequeathed by Miss A. Z.

AIM Ann Report

1978 to 1979

Dixon: included are the tour diaries kept by Mr Dixon who was manager of the 1905 All Black Rugby Football team which toured the United Kingdom. Mrs M. Ingham donated 65 natural history water-colour illustrations by John Webster, supplementing the considerable number of works by this artist already held in the Library.

A number of important items were received on deposit. The papers of the Corban Family, of outstanding importance to the history of the New Zealand wine industry, have been placed on deposit by Corbans Family Holdings. An album of photographs taken by Hugh Boscawen in 1899 has been placed on indefinite loan by the National Museum; this contains over 90 views of Auckland's volcanic cones and pa sites. Copies of the rare newspaper *Northern Luminary* have been deposited by the News Limited, Kaikhe; the Library now has the most complete file known to exist of this paper, which was first published in 1879.

106 groups of manuscript papers have been accessioned and fully catalogued. Space is at a premium, however, and some deposited material was transferred to the Archives Records Centre, namely Auckland Education Board Minute Books, 1875-1940, and Coromandel County Council Records. Of the many important accessions there is space in this report to mention only two. The diary of Walter Empson, kept in London between 1914-1919, was presented by Dr Stephen W. Williams; Walter Empson, a former headmaster of Wanganui Collegiate School, had a wide circle of friends and relations serving in different theatres of war, and his 2120-page diary forms an invaluable record of the complete war period. Papers of the late Alex V. Salmon, Park Ranger, Tongariro National Park, have been donated by Mrs Iris Curtin.

The heavy use made of the Photograph Collection in recent years continues. A great deal of time is taken up with the processing of orders from Library users for copies of photographs, and a total of 4,000 photographs were supplied to 400 clients. Despite this workload, 1007 negatives were added to the collection and many reference enquiries were satisfactorily answered. Interest continues to be shown in our Pacific Islands photographs, notably the Beattie Solomon Islands Collection. Several outstanding collections were received by donation: Mrs Jessie Gibson, a daughter of one of the founders of the firm of Ellis and Burnnand, presented photographs relating to the timber industry of the King Country; an album of Thermal Region photographs ca. 1902, was donated by Mr Tim Morris, and has already aroused considerable interest among historians of this region. Other important collections were received from Mrs D. M. E. Clark, Mrs A. M. Banks, C. F. Bennett Limited, H. W. Hanlon and F. E. McGregor.

Work has been completed on the subject index to all biographies in the New Zealand Women's Archives Collection. To date there are 4,000 biographies of important New Zealand women and these all

now have both name and subject index cards. This work has taken over eighteen months to complete and I am grateful to Mrs Nash and the following members of the Women's Archives Sub-committee who have worked with me on this project: Miss M. Balderston, Mrs B. Holt, Mrs N. Moore, Miss M. Paterson and Mrs S. Ross.

The Librarian on two separate occasions addressed members of the New Zealand Society of Genealogists outlining the library's resources in this area. During the biennial conference of the National Council of Women over 100 delegates visited the library to inspect the New Zealand Women's Archives Collection, and I was also given the opportunity to address the conference about the scope of this collection.

After three and a half years without staff changes we were sorry to farewell Mrs Yolanda Drummond in December. Mrs Drummond had been Assistant Librarian since April 1975, and I should like to pay tribute to her high professional standards and unfailing helpfulness. Mr Gordon Maitland has been granted leave of absence to attend the New Zealand Library School and during his absence Miss Lorraine Wilson will be Acting Assistant Librarian. Miss Diane Calder was appointed Library Assistant in January. We were also again fortunate to obtain the services of Misses Acushla Bolger and Anna Maxwell who were seconded to the Library under the Labour Department's Temporary Employment Scheme. Their presence again eased the pressure on Library staff considerably.

As always I should like to pay tribute to our voluntary assistants, who seem to grow in numbers and usefulness each year: Mr S. G. Brooker, Rev. Dr A. B. Catley, Mrs T. Munt, Mrs P. Sayes, Mr L. A. Seymour, and Miss C. Troup. Their many tasks have included indexing of photographs and newspapers, preliminary sorting of manuscript and photograph collections and re-shelving of the main book stacks. Maintenance of the present high standards of library service would be difficult without such assistance. I am also grateful to many others who have assisted in various ways, including: Mr J. T. Diamond, Miss E. A. Evans, Mrs M. A. Hall, Mrs R. M. Ross, Mr R. B. Sibson, Mr J. M. Stacpoole, Mrs J. M. Thwaites and Mr J. P. Webster.

We acknowledge with thanks, donations from the following: Messrs G. B. Abel, A. Abela, C. E. Alldritt, E. B. Bangerter, I. D. Barton, R. J. W. Baxter, A. J. Beach, J. E. Bellingham, J. R. Blayney, E. C. Burge, A. R. Burns, Dr J. Campbell, A. Cates, C. A. Churchill, C. I. Comer, P. Cooke, W. L. Cooke, R. E. Cooper, D. A. Corbett, W. N. Cranch, J. A. Crum, D. Darrach, E. R. A. de Zylva, Devonport Public Library, J. T. Diamond, V. S. Donohue, R. J. Evans, E. H. Everton, D. M. Evitt, Dr S. G. Faris, Sir Charles Fleming, B. Fletcher, C. E. Galbraith, Mr and Mrs W. R. Gamble, J. W. Goodwin, C. M. Gordon, J. R. Graham, Dr T. P. Hardie Neil, C. W. Hawkins, W. S. Hayes, T. H. Horner, Colonel A. R. Hughes, J. Kitt, S. Lane, N. Lodge, D. Lowe, Rev. C. T. J. Luxton, Dr P. C. McCoy, A. Mc-

AIM Ann Report 1978 to 1979

Culloch, Dr G. N. MacDiarmid, H. M. McHugh, S. McLennan, H. C. Mabbett, D. Munro, New Zealand Military History Society, J. Newman, E. W. Ockleston, A. H. O'Keefe, J. D. Osborne, L. F. Parkes, Dr J. Pearce, R. Pegler, I. R. Perks, W. L. J. Ringer, Dr T. P. Riordan, E. T. Roberts, Dr and Mrs D. B. Robertson, A. B. Robotham, J. C. Salisbury, L. Sands, J. F. Y. Schischka, L. A. Seymour, F. G. F. Sheppard, R. B. Sibson, R. W. Smith, T. G. R. Stevens, W. E. Stevenson, J. H. Sutherland, A. Tandy, P. Tattersfield, G. I. Traill, E. G. Turbott, W. L. Walker, P. K. Warren, R. J. Watt, J. P. Webster, G. White, P. L. B. Williams, A. Wright, R. S. Wright, H. Young, Lady A. Fox, Mesdames H. M. Alford, F. E. Allan, M. O. Atkinson, D. Barker, B. B. Brott, F. Brown, W. B. Clark, S. Collins, R. M. Coyle, K. Dale, M. A. Dickson, R. M. Fletcher, E. Flexman, D. B. Foote, J. M. Gurr, M. A. Hall, H. Hanna, S. B. Holt, F. O. Hulme, E. T. Jackson, R. Jones, R. King, D. E. Kissling, M. Lewis, L. McBeth, W. Macdonald, J. M. McInnes, J. Martin, D. G. Mason, N. L. Minton, V. Mossong, R. Potter, S. M. Reel, I. Reeves-Currie, M. Robertson, R. M. Ross, S. Ross, H. Shackleton, E. Shanks, M. Skinner, E. Spragg, W. Spring-Rice, J. Tattersfield, M. Williams, N. Winterbottom, Misses N. R. Bamford, W. Cooper, E. Cowan, J. Edwards, E. A. Evans, T. C. Ford, G. Galbraith, J. Goulding, J. M. Hirst, M. Hurrey, A. L. Leahy, H. S. B. Lusk, I. A. and S. Meiklejohn, M. G. Paterson, Y. Shadbolt, A. Simmonds, C. Wynne, V. Ziman.

I. G. THWAITES

Extension Service

This year has seen the second Government scheme travelling exhibition "Regional Variation in Maori Carving" complete its planned circulation, but before it had reached the end of its itinerary it was requested for re-showing at one centre and for special exhibition at two others. It has been displayed in thirty-two towns in the Auckland area from Kaitaia to Taumarunui, and has also been seen in New Plymouth and Palmerston North. On the whole, circulation has proceeded very smoothly, probably as a result of the experience we all gained in circulating the previous exhibition.

A smaller exhibition of "Japanese Bronzes of the late 19th Century" under the same scheme designed by Mr Bayliss and set up by Mr Wolfe has been circulating since September. This exhibition is not in closed cases and, therefore, its display has had to be limited to organisations which can offer adequate supervision of the exposed bronzes. It has so far been shown at nine towns and its itinerary is full until December, after which it will move north for the greater part of 1980.

The fourth exhibition prepared under the scheme, "Fishes of Northern Waters", has been in circulation since March, and is booked until the end of August. Already requests which will occupy the rest of the year are coming in.

Although these exhibitions have been costly in terms of staff time in planning, construction, and circulation, I believe that they are well worthwhile, enabling regional museums to put on something "special" which generates news and draws local attention to the organisation and its aims. We also hope that the quality of the displays provides ideas which the local display team can apply to their own displays.

Growth has continued in the Extension Service standard circulating display scheme, which comprises 5" x 4" display panels placed in libraries, Council offices, secondary schools and similar places in the provincial area and changed four times a year. New display sites have been opened at Huntly Public Library; Rotorua Public Library; St Peters School, Cambridge; Okaihau High School; and Taipa High School. Because of pressure of work in the Display Department, only one new panel has been made this year and as a consequence of this and the opening of so many new sites our reserve of panels has been completely used up. Applications to join the scheme from Morrinsville High School, Cambridge High School, Fairfield High School, and Pukekohe Maori Affairs Department have regretfully had to be temporarily deferred.

Representatives of Museum societies in the provincial area continue to come to us for advice and help. The number of requests has grown so much and the assistance requested has become so diverse that a listing would occupy considerable space, but all departments of the Museum have contributed in this way from time to time.

In co-operation with the Auckland Workers' Educational Association, we again organised a ten lecture course, "Know Your Museum". Members of our staff taking part were Mr Turbott, Mrs Arthur, Miss Davidson, Mrs J. Smith, Mr Cernohorsky, Mr Ross-Lowe, Mr Stephenson, Mr Thwaites and Mr Wise. Attendances averaged 27, providing a suitable group for showing round the galleries and reserve collections.

Thirteen special exhibitions were held during the year, resulting in quite a busy programme for the Display Department. They were entitled: An Exhibition of Embroidery, Fletcher Brownbuilt Pottery Awards 1978, Photo Forum 1978, Intermathex '78, 19th Auckland Science Exhibition, Weaving '78, Philips National Science Fair, Auckland Studio Potters 15th Annual Exhibition, Auckland Photographic Society Annual Salon, Bank of New Zealand Weaving Awards, Masks of the Pacific, Turkish Embroidery, and Samplers. Our thanks go to the many organisations without whose enthusiasm, materials and help these exhibitions would not have been possible.

Planetarium attendances at public sessions were: children 7,628, adults 10,466, giving a total of 18,094. In addition, 194 sessions were given to schools, and special lectures delivered to the following: Auckland Technical Institute students; yachting clubs; Cub and Scout groups; W.E.A. Astro-navigation class; and a University Continuing

AIM Ann Report 1978 to 1979

Education class. The planetarium seats, after 20 years, were showing wear and tear and have been recovered. A major rewiring of the console and ancillary projectors has been carried out so that all wiring is now below the floor; the latitudinal tilt assembly of the star projector which had worn almost to breaking point has been repaired.

J. H. WADHAM

School Service

Summary of attendances for one-hour visits: Primary, 34,725; Intermediate, 9,457; Post-primary, 5,576; total, 49,758.

Student teachers on Section: N.S.T.C., 31; A.T.C., 17; Post-primary teachers, 1; total, 49.

Exchange of Museum Loan Cases: City, 638; Provincial, 1,215.

Total attendances for the year show an increase over last year, but still fall well below the peak attendances of 60,000 and more in the years 1968, 1969 and 1974. For the past four years the number of students on Section from Teachers Colleges has been maintained at a steady level. While we could cater for, and would benefit from, larger numbers to assist our programmes, it is pleasing that this policy has finally been agreed upon by the Colleges, enabling us to plan ahead with more confidence.

During the first term the Museum was host to a number of schools whose pupils participated in various ways to mark the Centennial of Bishop Selwyn's death. Contributions included art work, written expression, and dramatic productions. The latter were performed in the Museum Auditorium before large and enthusiastic audiences. Two of the School Service staff joined a group of teachers as resource personnel at an outdoor education camp held at Parau.

In the second term, 18 gifted children from Northcross Intermediate School visited the Museum daily for a week to pursue their special interests. In addition to assistance from School Service staff, Mr Stephenson and Mr Freeth gave special help to small groups interested in fishes and astronomy.

From the 14th August, 1978, until the end of February, 1979, I was granted leave of absence by the Education Board to take up the position of Deputy Leader of the New Zealand Antarctic Research programme. During this period the position was filled by Mr W. A. Armstrong. Mr Armstrong brought with him many years of experience in administration and the ability to attend to fine detail, both of which qualities ensured that he made a success of a complex and demanding position. His able assistance was most appreciated.

Mr R. J. Watt will be leaving in May to take up an appointment as Ethnologist at the National Museum. Mr Watt joined our staff in February, 1978, and during his period with School Service he has displayed a high degree of enthusiasm, creativity and willingness to

AIM Ann Report 1978 to 1979

contribute at all levels. The vitality of his teaching was evidenced by the appreciative group of adult visitors who often attached themselves to his group of pupils.

After a brief return of two months to the Museum, I will be leaving the service to take up the position of Principal of Newmarket School. The seven years spent at the Museum have been a stimulating and rewarding experience for me and I have considered it a privilege to be accepted as a colleague by Museum staff members. As a teacher, however, I have been increasingly aware of the lack of in depth contact with children and of extrinsic rewards in the form of seeing their ongoing development. I am now of the opinion that School Service appointments to museums should be of limited tenure, thus ensuring a two-way flow of ideas from and to the mainstream of teaching with its ever changing emphases. In addition, this would ensure a supply to the schools of a group of teachers experienced and enlightened in the value of museums as teaching resources. Some form of secondment from schools for a year may achieve both these goals while at the same time increasing the entitlement of School Service staff.

I should like to offer my thanks to all School Service staff who have assisted me so ably over the past seven years to provide a service for thousands of eager and alert young New Zealanders.

The service is indebted as always to the Auckland Education Board for their unstinting support, to the principals of all Auckland Teachers Colleges and to those students from the Colleges who have assisted so well in our programmes.

Finally, may I offer thanks on behalf of School Service staff for the continued support and interest shown by the Director, Mr Turbott, and his staff, and wish him well in his coming retirement.

W. K. A. BERRY

Staff Publications

April, 1978, to March, 1979

Scientific

BANGERTER, E. B.

- 1978 New and interesting records of adventive plants from the Auckland Institute and Museum Herbarium. 4. *Rec. Auckland Inst. Mus.* 15: 57-62.
- 1978 The British Flora in New Zealand. *B.S.B.I. News.* 20: 19.

CERNOHORSKY, W. O.

- 1978 Reducing *Muricopsis* confusion. *Hawaiian Shell News* 26 (4): 8, textfigs.
- 1978 New species of Mitridae, Costellariidae and Turridae from the Hawaiian Islands with notes on *Mitra sphoni* in the Galapagos Islands. *The Nautilus* 92 (2): 61-67.
- 1978 *Conus splendidulus*, *C. luctificus* and *C. argillaceus*. *Hawaiian Shell News* 26 (5): 4.
- 1978 Remarks on some *Conus* species. *Hawaiian Shell News* 26 (9): 11.
- 1978 New records of Neogastropod Mollusca from the Kermadec Islands. *Rec. Auckland Inst. Mus.* 15: 55-65.
- 1978 The taxonomy of some Indo-Pacific Mollusca. Part 6. *Rec. Auckland Inst. Mus.* 15: 67-86.
- 1978 The taxonomy of Caribbean — Atlantic Costellariidae (Mollusca: Gastropoda). *Rec. Auckland Inst. Mus.* 15: 87-109.
- 1978 Report on the molluscan fauna of the Lau group, Fiji Islands. *Bull. R.Soc. N. Z.* 17: 39-52.

DAVIDSON, JANET M.

- 1978 Western Polynesia and Fiji: the archaeological evidence. In J. Specht and J. P. White (eds.) "Trade and exchange in Oceania and Australia", *Mankind*, 11 (3): 383-90.
- 1978 Auckland prehistory: a review. *Rec. Auckland Inst. Mus.* 15: 1-14.
- 1978 Radiocarbon dates for three sites at Station Bay, Motutapu Island. *Rec. Auckland Inst. Mus.* 15: 15-16.
- 1978 The prehistory of Motutapu Island, New Zealand. Five centuries of Polynesian occupation in a changing landscape. *J. Polynes. Soc.* 87 (4).

DAVIDSON, JANET M.

R. C. GREEN and — (Editors)

- 1979 Index to Archaeology in Western Samoa. Vol. I — *Bulletin of the Auckland Institute and Museum*, No. 6, 1969, Vol. II — *Bulletin of the Auckland Institute and Museum*, No. 7, 1974. pp. 1-9.

FOOKS, P.

- 1978 Leach's fork-tailed storm petrel. *Notornis* 25: 278.

GOULDING, JEANNE H.

- 1978 Annotated checklist of type specimens of New Zealand plants in the Auckland Institute and Museum Herbarium. Parts 1 and 2. Pteridophyta and Gymnospermae. *Rec. Auckland Inst. Mus.* 15: 37-44.

REED, SYLVIA

- 1979 Establishment of a new gannetry. *Notornis*. 26: 89-93.

TURBOTT, E. G.

R. A. FALLA, R. B. SIBSON and —

- 1979 *The New Guide to the Birds of New Zealand and Outlying Islands*. Collins, Auckland and London 247 pp. illus. (First published as *A Field Guide to The Birds of New Zealand*, 1960; 2nd edition, 1970; now revised, extended and re-illustrated).

WISE, K. A. J.

- 1978 Further records of subantarctic Trichoptera. *Rec. Auckland Inst. Mus.* 15: 111-113.
- 1978 A preliminary report on the terrestrial invertebrate fauna of the Lau group of Fiji, collected during the South Pacific Expedition, 1977. *Bull. R.Soc. N.Z.* 17: 53-61.

WRIGHT, A. E.

- 1978 Annotated checklist of type specimens of New Zealand plants in the Auckland Institute and Museum Herbarium. Part 3. Monocotyledones — Gramineae. *Rec. Auckland Inst. Mus.* 15: 45-53.

General

CERNOHORSKY, W. O.

- 1978 Commemorative address to the 50th Anniversary of the Malacological Society of Japan. *Jap. J. Malac.* 37 (3): 175.

List of Benefactions made to the Auckland Institute and Museum

BUILDING FUNDS

Subscribed by the Citizens of the Auckland provincial area to the World War I Building Fund (including Government grant of £37,500)				£231,614 (\$463,228)	
Cenotaph Fund				£6,796 (\$13,592)	£238,410 (\$476,820)*
Subscribed to the World War II Building Fund (including Government war memorial subsidy of £162,500)					£469,839 (\$939,678)**
Subscribed to the Auditorium Building Fund (including Government grant-in-aid of \$10,000)					\$106,300†

* Including major grants of \$100,000 by the Auckland Savings Bank and \$20,000 by the Auckland City Council.

** Including major grants of \$103,000 by the Auckland Savings Bank and \$40,000 by the Auckland City Council.

† Including major grants of \$26,500 by the Auckland Savings Bank and \$9,000 by the Sir John Logan Campbell Trust.

Benefactions of an amount (or value)
exceeding \$100 (£50).

MONETARY GIFTS

1876	Auckland Citizens: £2,026 subscribed towards first building.
1878	Mr J. C. Firth: Donated £106 for show cases.
1884	Mr Edw. Costley: Bequeathed £12,150.
1887	Mr David Nathan: Bequeathed £100.
1897	Mr T. Russell: Donated £100 for geological specimens.
1901	Auckland Citizens: Subscribed £1,000 for Mair Collection.
1902	Mr E. A. Mackechnie: Bequeathed £2,500.
1906	Auckland Citizens: Subscribed £662 for carved houses.
1911	Auckland Citizens: Subscribed £684 for ancient carvings.
1913	Sir John Logan Campbell: Bequeathed £1,000.
1921	Institute Members: Subscribed £115 for Temple Bronzes.
1923	Sir Wm. H. Herries: Bequeathed £1,000.
1924	Citizens: Subscribed £698 for Maori collections.
1925	Institute Members: Subscribed £100 for Maori collection.
1926	Sir James Gunson Presentation Committee: Presented £118 for Maori collection.
	Mr David Goldie: Bequeathed £1,000.

AIM Ann Report 1978 to 1979

- 1927 **Mr F. Shaw:** Bequeathed £1,000.
1929 **Mr S. J. Ambury:** Bequeathed £250.
1934 **Mrs R. M. Wilson:** £50/10/-, given to establish the Sir Edwin Mitchelson Prize Fund.
1940 **Mr Maurice Harding:** Bequeathed £500.
1941 **Mr Ormsby Gore Adams:** Bequeathed £100.
1942 **Mr J. A. Pond:** Bequeathed £100 to commemorate the scientific achievements of Thomas F. Cheeseman.
1944 **Mr E. Earle Vaile:** Gave two blocks of shops and residences worth £10,000 as an endowment for ethnological collections and books.
Mr R. C. Horton: Gave £200 towards extending the mineral collection.
Sir Albert and Lady Ellis: Gave £150 for Library book-cases.
£428 received on account of a bequest by **Mr C. V. Houghton.**
Mitchelson Prize Fund: Increased to £100.
1945 **Mrs Bertha Wilson:** Gave £2,000 as an endowment for Cinematography.
Auckland Savings Bank: Gave £500 for improvements to Exhibition Halls.
Auckland Electric Power Board: Gave £100.
Mr R. C. Horton: Gave £70 for purchase of Georgian Silver Tea Set.
Sir Cecil Leys and Sub-Lieutenant T. H. Leys, R.N.Z.N.V.R.: Gave £500 for purchase of ethnographical specimens.
1946 **Mr E. Earle Vaile:** Gave a freehold section with a two-storey building in Queen Street worth over £30,000 as a further endowment for ethnographical collections and books.
1947 **Auckland Savings Bank:** Centennial Gift of £5,000.
Mr A. V. Hanson: Bequest of approximately £2,000.
1948 **Mr E. P. Mitchelson:** Bequest of £1,000.
1950 **Mrs Sarah Ann Powley:** Bequest of £171.
Sir Cecil Leys: Bequeathed £1,000.
1951 **Mrs Bertha Wilson:** Gave £1,000 endowment for photography.
1952 **Mr James C. Entrican:** Bequest of £1,000 for numismatics.
1954 **Captain G. A. Humphreys-Davies:** Bequest of £500.
Sir Albert Ellis, C.M.G.: Bequest of £100.
1956 **Sir Alexander Johnstone, O.B.E., Q.C.:** Bequest of £500.
Sir William Goodfellow: £100 for early English ceramics.
Sir Carrick Robertson, F.R.C.S.: Endowment of £600 for research on offshore islands.
1960 **Auckland Savings Bank:** Gave £500 to furnish the Cheeseman Herbarium.
A Member: Gave £75 towards furnishing the Herbarium.
Mr W. B. Dixon Stroud: Gave £142 towards equipping and furnishing the Marine Zoology store and study rooms.
£1,000 received from an **Institute Member** to extend popular science publications.
1961 **Sir William Goodfellow:** £250 towards purchase of van; £150 for purchase of porcelain.
Mr L. J. Ayre: Bequeathed £852.
Auckland Savings Bank: Gave £600 for equipping the children's hobbies room.
Mr H. G. Atkinson: Bequeathed £685.
Dr J. A. Clinch: Bequeathed £500.
Anonymous: £500 for the memorial halls.
Miss E. L. Hellaby: £100 for the memorial halls.
Institute Member: £200 for exhibition halls.
Sir James Fletcher and colleague firms: Materials for equipping hobbies' room and staff room.

AIM Ann Report 1978 to 1979

- 1962 **Mr H. D. Buddle:** Bequeathed £1,000 and many books.
Sir John Logan Campbell Trust: £2,400 grant for display hall.
Miss E. L. Hellaby: £100 for memorial halls.
Mr John Seabrook: £250 for micro-film reader.
Mr W. B. Dixon-Stroud: \$6,000 for Dr Powell's molluscan research.
- 1963 **Messrs E. A. Astley and Sons:** £100.
Miss C. A. Atkinson: Bequeathed £53/14/2.
Auckland Savings Bank: £5,000 for new exhibition halls.
Sir John Logan Campbell Trust: £4,000 for new Hall of Ornithology.
Sir William Goodfellow: £100.
Miss E. L. Hellaby: £100 for memorial halls.
- 1964 **Miss E. L. Hellaby:** Donation of £100.
Miss Josephine McClymont: Donation of £200.
Sir John Logan Campbell Trust: £2,500 for exhibition hall.
Auckland Savings Bank: £2,000; administrative area, finishing.
Auckland Lions' Club: £116 for display case.
- 1965 **Auckland Savings Bank:** £2,000 for Maritime Hall.
Mr W. H. Cocker, C.M.G.: Bequeathed £100 for show-case to house collection of sake bottles and snuff bottles.
Miss E. L. Hellaby: Donation of £100.
Mr S. Klippel: Bequeathed £250.
Mr J. A. Stacey: Donation of £100.
Mr W. B. Dixon-Stroud: \$4,000 for Dr Powell's molluscan research.
- 1966 **Auckland Maritime Society:** £200 towards purchase of Lloyd's Register of Shipping.
Auckland Savings Bank: £2,000 for exhibition halls.
Sir John Logan Campbell Trust: £2,000 for lighting in exhibition halls.
Mrs E. E. Fraser: Bequeathed £2,619.
Miss E. L. Hellaby: Donation of £100.
Mr C. V. Houghton residuary estate: £627.
 £200 received on account of a bequest by **Mr W. T. King.**
Mrs J. McLennan: Bequeathed £1,000 as an endowment for visual aids equipment for school service.
- 1967 **Auckland Savings Bank:** £1,000 for entomological cabinets and equipment.
Sir John Logan Campbell Trust: £1,050 to commission portrait of Sir Winston Churchill by Edward Halliday.
Miss E. L. Donald: Bequeathed £500.
Miss E. L. Hellaby: Donation of £100.
Miss E. L. Hellaby: Bequeathed \$10,000 for furnishings and equipment for the World War II building.
Mr W. T. King: £955 as residue of bequest.
Mr C. E. Disney: Established the Disney Art Trust of £54,483, to enable Dominion Museum, Wellington, and this Museum to obtain Applied Arts material (particularly Oriental and European Applied Arts).
- Milne and CHOYCE Ltd:** The installation "Centennial Street", on the occasion of the firm's centenary; capital cost £8,300.
- 1968 **Auckland Savings Bank:** \$4,000 for Library furnishings, exhibition hall lighting and numismatic displays.
- 1969 **Dr Grace de Courcy:** Bequeathed \$1,000.
Mr H. K. McLeod: Bequeathed \$1,000.
- 1970 **Sir John Logan Campbell Trust:** \$2,000 to assist with the installation of Hall of New Zealand Birds.
Auckland Savings Bank: \$1,000 to provide equipment for the Marine Biology Department and for lighting in entomological displays.

AIM Ann Report 1978 to 1979

- Mrs M. Brien: Bequeathed \$200.
Mr J. A. B. Hellaby: Bequeathed \$2,000.
Miss I. T. Stennett: Bequeathed \$2,007.
Mr N. R. W. Thomas: Bequeathed \$200.
- 1971 Sir John Logan Campbell Trust: \$4,000 towards Hall of New Zealand Birds.
Auckland Savings Bank: \$1,000 towards Hall of New Zealand Birds.
Mrs M. J. Clare: Bequeathed \$500.
Mrs M. Hemingway: Donation of \$200 for entomological collection maintenance.
- 1972 Sir John Logan Campbell Trust: \$4,300 towards Hall of New Zealand Birds.
Auckland Savings Bank: \$3,500 towards Hall of New Zealand Birds.
Mr John Seabrook, C.M.G.: \$450 for sound equipment in Hall of New Zealand Birds.
Auckland Maritime Society: \$175 for renovation of ship models.
F. E. Jackson and Co. Ltd: Donation of \$100.
- 1973 Mr C. E. Disney: \$7,200 to establish a Hall of English Furniture.
Sir John Logan Campbell Trust: \$4,000 for improvements to the Special Exhibition Hall.
Auckland Savings Bank: \$2,500 towards Hall of New Zealand Birds.
Miss Edith McLeod: Bequeathed \$4,348.
Mrs M. Hemingway: Donation of \$200 for entomological collection maintenance.
- 1974 Sir John Logan Campbell Trust: \$4,000 for installation of acoustic ceiling in Hall of New Zealand Birds.
Auckland Savings Bank: \$2,500 for mobile shelving in Cheeseman Herbarium.
Mrs C. R. Ford: \$100 for display case to house the C. R. Ford Antarctic Collection.
Sir William Goodfellow: \$100 for display case to house the C. R. Ford Antarctic Collection.
- 1975 Anonymous: \$100 for Library binding.
Anonymous: \$400 for Exhibition Hall ventilation.
Auckland Savings Bank: \$3,000 towards Coffee Lounge extensions.
Miss R. B. Hellaby: Bequeathed \$2,000.
Kensington Carpets NZ Ltd: \$200 for research activities.
Scientific Research Distribution Committee, Lottery Board of Control: \$1,815 towards publication costs of Bulletin No. 7, "Archaeology in Western Samoa", Vol. II, ed. R. C. Green and Janet M. Davidson.
Sir John Logan Campbell Trust: \$5,000 for new lighting in the Maori Court, and purchase of items for the Maori and contemporary ceramics collections.
- 1976 Anonymous: \$500 for Library binding.
Auckland Savings Bank: \$3,000 towards publication costs of Bulletin No. 10, "Taxonomic Revisions in the Family Haloragaceae", by A. E. Orchard.
Scientific Research Distribution Committee, Lottery Board of Control: \$4,000 towards publication costs of Bulletin No. 10, "Taxonomic Revisions in the Family Haloragaceae", by A. E. Orchard.
Mr C. J. Shaw: Bequest of \$2,000 as an endowment for the purchase of natural history and ethnographical specimens.
Sir John Logan Campbell Trust: \$25,000 towards Building Restoration and Window Replacement Fund.
Mr K. E. Sutcliffe: \$100 for Library requirements.

SPECIMENS AND BOOKS

- 1876 **Mr R. C. Barstow:** Large collection of Maori articles.
- 1877 **Mr G. F. Edmonston:** 564 volumes of scientific works.
- 1878 **Mr T. Russell, C.M.G.:** 34 casts from the antique.
- 1878-83 **Mr J. T. MacKelvie:** 390 books and ethnology collection.
- 1887 **Mr C. O. Davis:** Valuable Maori collection.
- 1901 **Mr L. D. Nathan:** Japanese Shinto Shrine.
- 1913 **Mr Henry Shaw and Mr F. Shaw:** 172 scientific books.
Hon. Sir Edwin Mitchelson: Valuable Kauri Gum collection.
- 1915 **Dr C. E. R. Bucknill:** Collection of Old English Glass.
- 1916 **Mr Henry Shaw:** Collection of Japanese art.
- 1917 **Miss Ruth Northcroft:** Large Maori and Polynesian Collection.
- 1919 **The Misses Yates:** Collection of Indian weapons.
- 1920 **Mr James Dunning:** Collection of North American Mammals.
- 1921 **Mr W. A. Aldred:** Valuable collection of Maori specimens.
Hon. J. B. Turner: Important Fijian ethnographical collection.
- 1923 **Mr T. F. Cheeseman, F.L.S., F.N.Z.Inst.:** The Cheeseman Herbarium of native and foreign plants.
- 1924 **Mr Wm. Sutherland:** Melanesian ethnographical collection.
Mr A. C. Caughey: Fijian and New Hebridean ethnographical collection.
Mr R. A. Meek: Ethnographical specimens from Bismarck Group.
Messrs Samuel Vaile & Sons: Large collection of Maori greenstone articles. **Sir Cecil Leys and Mrs Selwyn Upton:** The Edge-Partington ethnographical collection of over 2,000 specimens, given in memory of their father, Dr T. W. Leys.
- 1925 **Mr F. Crossley Mappin:** Valuable Maori and South Pacific exhibits.
- 1926 **Mr Geo. F. Webster:** Valuable Maori antiquities.
Mr H. R. Butcher: Collection of British coins.
Mrs E. M. Ball: The Thos. Ball Zoological collection.
Mr F. Crossley Mappin: Ancient Chinese ceramic specimens.
Mr Hallyburton Johnstone: Silver cup presented by Queen Victoria in 1878 to the Royal George Yacht Club.
- 1927 **Mr F. Crossley Mappin:** Valuable Maori carvings.
Mr Moss Davis: Valuable ethnographical specimens.
- 1928 **Sir Cecil Leys and Mrs Selwyn Upton:** Unique and richly carved feather box.
Mr J. R. Adams Wilkes: Ethnographical collections from Nigeria and New Guinea.
Mr Harry Kinder: The Dr Kinder Collection — Maori and Melanesian.
Mr E. Earle Vaile: Important collection of Maori stone carvings and collection of Eastern ethnographical specimens.
Mrs S. J. Lushington: Large collection of mollusca.
- 1929 **Mr T. H. Barstow:** Maori canoe prows and stern posts.
Mr W. R. McGregor: New Ireland carved memorial figures.
Mrs, Miss and Mr A. N. Cooper: The Charles Cooper collection of mollusca.
Rev. W. H. Webster: Large collection of mollusca.
Mr C. E. Clarke: Large collection of N.Z. insects.
Executors Mr W. M. Cole: Stone and Bronze Age artifacts.
Miss Webster and Mr G. F. Webster: Water-colour drawings of the Solomon Islands.

- 1930 **Mr John Kenderdine:** Large collection of books and pamphlets, including rare early New Zealand works. **Mr H. E. Vaile:** A large collection of Maori implements and greenstone ornaments. **Mr Moss Davis:** Selected Maori exhibits; also porcelain and ivory. **Mr L. J. Matthews:** Two specimens of Moa eggs. **Dr L. Cockayne:** Large collection of N.Z. plants.
- 1931 **Sir Cecil Leys and Mrs Selwyn Upton:** Valuable Maori antiquities; additions to the Dr T. W. Leys collection. **Mrs S. J. Lushington:** Collection of Silver and Sheffield Plate. **Mrs A. C. Lennard:** Collection of English porcelain.
Lt.-Colonel A. R. Hughes: Collections of birds and mollusca from Ceylon.
- 1932 **Mr H. S. Dadley:** Large and valuable collection of Oriental Arts. **Mr Moss Davis:** British Gold and Silver Coins and European Ivories and Bronzes. **Hon. Sir James Parr:** Gold and Silver Mementoes of public events in New Zealand, and case for their display.
- 1933 **Vaile Collection:** Additional gift of many valuable Maori antiquities. **Mr W. Goodfellow:** Extensive ethnographical collection from Northern Melanesia.
- 1934 **Miss Eleanor Brown and Mrs Geo. Brownlee:** Collection of heirlooms of the Ngati-toa and Ngati-awa Tribes.
Messrs R. B. and G. Matthews: The H. B. Matthews Herbarium.
- 1935 **Mr F. Crossley Mappin:** Maori Specimens, including handsomely carved sternpost.
The Admiralty: Model of H.M.S. New Zealand.
- 1936 **Captain G. Humphreys-Davies:** Large and valuable collection of Chinese pottery figures. **Mrs T. G. Russell:** 235 volumes of chemical and physical works from the library of her father, the late Professor Brown. **Mr E. Earle Vaile:** Valuable Maori hei-tiki and Rapa Island stone artifacts. **The Estate of the late H. E. Vaile:** Maori and Polynesian ethnographical collection; carvings and ornaments.
- 1937 **Mr E. Earle Vaile:** Collection of ethnographical specimens and six Italian bronzes. **Sir Algernon Thomas:** Library of scientific books and papers.
- 1938 **Mr E. Earle Vaile:** Gift of many early New Zealand books and journals. **Mr J. R. le B. Tomlin:** Gift of valuable early editions of natural history works. **Mr F. Crossley Mappin:** Early Chinese Pottery and Bronzes.
- 1939 **Mr E. Earle Vaile:** Maori carvings, large Melanesian collection and gifts to the Library. **Mr J. R. le B. Tomlin:** Gift of early Worcester china and early works on natural history. **Mr W. Goodfellow:** Large Melanesian collection.
- 1940 **Mrs N. Kettle:** Bequeathed seven water colours by the late Major G. F. von Tempsky.
- 1941 **Mr H. R. Jenkins:** Historic anchor associated with the ill-fated H.M.S. Bounty. **Mrs T. G. Russell:** 500 volumes of botanical and biographic works from the library of her father, the late Professor Brown.
Mr Ormsby Gore Adams: Bequeathed cinema camera, photographic equipment and nature films.

AIM Ann Report 1978 to 1979

- 1942 **Mrs A. A. Richardson:** The late Mr J. D. Richardson's extensive collection of early Auckland photographs and lantern slides.
Col. the Hon. F. Waite, D.S.O., M.L.C.: Large collection of Egyptian pre-dynastic artifacts, flints, slate palettes, and pottery 7500-4300 B.C.; also pottery lamps of Egyptian, Roman, Greek and Arabic manufacture.
- 1943 **Captain G. A. Humphreys-Davies:** His extensive and valuable collection of Chinese arts. **Mr E. Earle Vaile:** Large collection of books and pamphlets on exploration and early life in the South Pacific. **Mrs W. H. Hemingway:** The late Mr Hemingway's display and cabinet collections of insects. **Colonel the Hon. F. Waite, D.S.O., M.L.C.:** Further collections from Egyptian Pre-dynastic, Dynastic and Ptolemaic periods.
- 1944 **Mrs B. Quigley and Miss E. Kenderdine:** Large number of books on early New Zealand history. **Mr E. Earle Vaile:** Collection of works on South Pacific exploration and New Zealand history. **Captain G. A. Humphreys-Davies:** Ancient Chinese bronze sculpture. **Mr J. C. Entrican:** Large collection of Eastern Polynesian stone implements.
- 1945 **Mr W. G. White:** A valuable very representative collection of Worcester and Chelsea China. **Mr E. Earle Vaile:** Important Maori Ethnographical Collections, and books on South Pacific Exploration and New Zealand History.
- 1947 **Lady Leys Fund, Sir James Gunson Fund, and E. Earle Vaile Fund:** Collection of 60 greenstone hei tiki and greenstone adzes purchased in England.
Mr Jas. C. Entrican: Had his extensive collection of medals and coins and library of books on Numismatics.
Mr Geo. Finn: Presented a collection of books and newspaper records, reports and illustrations collected over a number of years.
Lieutenant A. G. Carnahan, R.N.R.: Presented Viscount Jellicoe's racing 14-footer "Iron Duke".
- 1948 **Sir Frank Mappin:** 16mm Cine-sound projector.
- 1949 **Mr and Mrs J. Yock:** Old English sterling silver salver.
- 1950 **Mrs J. P. Campbell:** Eighteenth century inlaid sideboard.
Mr Wm. Goodfellow: Delft vase and other early ceramics.
Mr V. J. Larner: Early china and delft vase.
- 1951 **Mrs Goldie:** Twenty portraits of Maoris by the late Mr C. F. Goldie.
Rev. Harry Johnson: Extensive collection of native arts and crafts from Tanganyika.
Rev. Charles Palmer: Melanesian ethnographical collection; mementoes of Bishop Selwyn and early New Zealand books.
Mr W. J. Crowther: Selected examples of English porcelain and eighteenth century silver plate.
- 1952 **Mr E. Earle Vaile:** Selected early works on discovery and exploration in the Pacific.
Sir Frank Mappin: Eighteenth century silver and Sheffield plate.
New Zealand Insurance Company: Suite of large cabinets and library furniture.
Mr William Goodfellow: Three Maori portraits by Lindauer.
Sir Carrick Robertson: Collection of Zulu ornaments.
Lieut.-Commander J. F. A. O'Neill, D.S.C.: Ethnographical collection from Tikopia.
Miss W. S. Dudley and Miss Jean Robertson: Pencil and wash drawings of early New Zealand, by Major Charles Heaphy.

AIM Ann Report 1978 to 1979

- 1954 **Mrs Robert Cooper:** Collection of botanical books and bookcases.
Sir Frank Mappin: William and Mary walnut cabinet and early seventeenth century chairs.
Mrs P. Sklenars: Model of four-masted barque "Pamir" made by her father, Mr W. S. Nelson.
- 1955 **Dr J. A. Clinch:** English silver and Sheffield plate.
Sir Ernest and Lady Davis: Portrait of Sir Edmund Hillary, K.B.E.
Mrs A. M. Ferguson, O.B.E.: Maori and Oceanic ethnographical collection.
Mr C. Roose: Set of 2,000 charts of the Pacific.
Mr G. J. H. Ovenden: Full set of publications of Palestine Exploration Fund.
Wellcome Museum Trustees: Extensive selection of ethnological specimens.
- 1956 **Miss E. Blumhardt:** Large set of her paintings of native flowers.
The Misses C. M. and I. F. Stewart: Collection of Maori greenstone ornaments and weapons.
Sir Ernest Davis: Portrait of H.M. the Queen.
Mr John Pybus: Five moa skeletons from Waitomo district.
- 1958 **Rev. Canon Hubert Jones:** Sets of English West-County history.
- 1959 **Mrs R. Rose:** English Sheraton Cabinet and Japanese lacquer and inlay cabinet.
Dr Marjorie Young: Collection of ethnographical specimens from New Guinea highlands.
Sir Frank Mappin: English eighteenth century mahogany bureau-secretaire.
- 1960 **Farmers Trading Company:** Jubilee gift of a Spitz Planetarium with full range of accessories, the planetarium building and furnishings.
Sir Ernest Davis: Portrait of Lord Freyberg.
Sir Frank Mappin: Two oil paintings for council room and exhibition hall.
Mr L. J. Ayre: Extensive philatelic collection and a monetary bequest.
Miss Lina V. Bruce: 18th century north country spinning wheel.
Mrs Susan Payne: Library cabinets, philatelic and ethnographical collections.
- 1961 **Mr Leo White:** Series of coloured wall display photographs of Auckland.
Auckland Citizen: Portrait of His Excellency the Governor-General.
Northern Steamship Company: Builder's model of "Whakaterē" and "Manaia".
Union Steamship Company: Builder's model of "Ormonde".
- 1962 **Mrs Blanche Halcombe:** Books, collections of native birds and ethnological articles.
Sir Ernest Davis: Large model sailing ship.
Mrs E. E. Goodhue: Collection of Northland greenstone ornaments.
Miss M. F. Hoole: Bequeathed a Sheraton sofa table.
Dr and Mrs J. L. Newman: Large Chinese silk and gold embroidery.
The Countess of Orford: Water colour drawing of Auckland by J. C. Hoyte.
Mrs G. R. S. Fisher: Notable examples of early English-Continental lace.
- 1963 **Sir John Logan Campbell Trust:** Library furnishings.
Mr W. Kingsley: Collection of books on Naval history.
Mr E. F. Hilton: Large collection of shells including rare species; Northern Australia and Tropical Pacific.

AIM Ann Report 1978 to 1979

- 1964 **Miss J. Winifred Shaw:** Chinese lacquered work-table.
Sir James Gunson: Silver model of first War Memorial building.
Mr L. Alfred Eady: Early Collard piano.
Mr Peter A. N. Nathan: Chinese carved screen.
Mr Lacy K. Neilson: Maori carved pataka base.
Mr A. D. W. Walcott: Merlin air engine.
New Zealand Insurance Company: Board-room tables, chairs and book-cases.
Mr C. W. Hawkins: Models of Auckland sailing ships.
Mr N.R. W. Thomas: Set of book-shelves.
Mr C. A. Gordon: Bequest of several thousand books.
Mr R. B. Sibson: Descourtilz, Ornithologie Bresilienne.
Mr E. J. Mitchelson: Dressing table of New Zealand woods.
Mrs Doris Gordon and Miss Gladys Holman: Drawings by John Johnson, first Colonial surgeon.
Mr W. H. Cocker, C.M.G.: Collections of Japanese sake bottles and snuff bottles and £100 for show-case.
- 1965 **Mr P. A. Lawlor:** Walpole collection: books and pamphlets.
Mr James Pascoe: Two Dresden vases.
Lady Richmond, Mrs H. Kinder, Mr P. B. Phillips: Nine paintings of vessels of the Craig Line.
Mr J. F. Stewart: Tokipoutangata, mere pounamu and kotiate.
- 1966 **Auckland City Council:** Collection of three-dimensional items formerly part of the Old Colonists Museum.
- 1967 **Mr Noel Cole:** Portrait of Sir Peter Buck (Te Rangi Hiroa).
Mr V. C. Cooper: Collection of New Zealand and Australian stamps.
Lady Mappin: Georgian ball gown.
Sir Frank Mappin: Collection of European arms and armour, and oak dining table.
Royal New Zealand Navy: Model of H.M.N.Z.S. "Royalist", ship's book and other relics of H.M.S. "Philomel".
- 1968 **Mr R. W. W. Archer:** Set of New Zealand coins for each year issue up to 1965.
Auckland Studio Potters: Collection of Japanese pottery, and two studio pots by Michael Cardew.
Mr C. E. Disney: Turkish plate.
Mrs Helen Mason: Collection of studio pottery.
Mr D. MacAlister: Collection of Staffordshire pottery.
- 1969 **Wilson and Horton Ltd:** Comprehensive set of files of the "New Zealand Herald", "Weekly News", "Southern Cross", "New Zealander" and other early Auckland newspapers.
- 1970 From an **anonymous** gift for purchase: Collection of Persian carpets, 17th-18th century; collection of Asian ceramics.
- 1971 **The Cozens family** (per the Misses E. M. and E. L. A. Cozens): Collection of Pacific ethnographic material collected by the late Captain G. Cozens.
Mrs M. M. Dunningham: Han Period painted water pot, 2nd century B.C.
- 1972 **The Rt Hon. Sir Harold Barrowclough:** Portrait in oils by William Dargie.
Mr D. J. Quigley: Ngati Whatua door lintel, South Kaipara Head.
Mr Rewi Alley: Che'eng Hua enamel bowl.
Mr R. V. Roberts: Collection of ornithological books and periodicals.

- 1973 **Mr E. M. Fenton:** 17 pieces of English pewter.
Dr C. A. Fleming: Set of Mathews "Birds of Australia".
Mrs C. R. Ford: Medals awarded to the late C. Reginald Ford — Polar Medal 1902-04, Royal Geographic Society Medal for Antarctic Discovery, George V Jubilee Medal. Antarctic equipment, papers and sketches.
Mr R. Henwood: Ngapuhi carved door post, Kaikohe.
Sir Leonard Isitt: Instrument of Surrender and other Documents relating to the Japanese surrender on 2nd September, 1945, signed on U.S.S. "Missouri".
Dr and Mrs B. Johns and family: Persian animal carpet.
- 1974 **Mr J. C. Fenton:** Comprehensive collection of English pewter; collection of English 17th and 18th century furniture and clocks.
Family of the late John Waldie: French provincial chest, Queen Anne table, Chinese punch bowl.
Mr C. G. Hall: Silver tea service, given in memory of the late John Waldie.
Mrs W. H. Ross-Lowe: English 18th century serpentine-fronted chest of drawers.
Royal New Zealand Yacht Squadron: First yacht of M Class, "Mawhiti I".
- 1975 **Mr A. G. W. Dunningham:** The Margaret M. Dunningham Collection, comprising material from India, Nepal, Tibet and South-East Asia.
Mr L. W. Tattersfield: Bolex 16mm camera and accessory fittings; Leica 35 mm camera with set of lenses and accessories; general photographic equipment.
- 1976 **Mr T. E. Clark:** Han Dynasty "hill jar".
Mr A. G. W. Dunningham: For the Margaret M. Dunningham Collection four large Balinese folk art paintings.
Mr John Seabrook, C.M.G.: Propeller of World War I S.E.5A single seater fighter aircraft.
Samuel Vaile and Sons Ltd (in commemoration of the firm's centenary): *Patu onewa* from the Thames district.
Mr G. A. Wooller: Comprehensive collection of African trade beads.

Benefactions of an amount (or value)
exceeding \$200.

MONETARY GIFTS

- 1977 **Auckland Savings Bank:** \$5,000 towards Window Replacement Appeal Fund.
Mr C. V. Houghton residuary estate: \$600
Scientific Research Distribution Committee, Lottery Board of Control: \$5,000 towards publication costs of Bulletin No. 11, "A Synonymic Checklist of the Hexapoda of the New Zealand Sub-region: The Smaller Orders" by K. A. J. Wise.
Sir John Logan Campbell Trust: \$5,000 as first instalment of a total of \$51,000 towards the installation of "Auckland — Past and Future Landscapes".

AIM Ann Report 1978 to 1979

- 1978 **Auckland Savings Bank:** \$4000 towards installation of wheelchair ramp.
Mr R. Court: Cost of curtaining in Hall of the Pacific, including installation.
R. T. Sheppard and Co. Ltd: \$500 for research activities.
Sir John Logan Campbell Trust: \$15,000 as second instalment of a total of \$51,000 towards the installation of "Auckland — Past and Future Landscapes".
- 1979 **Anonymous:** \$500 for Museum publications.
Anonymous: \$250 for Library purchases.
Auckland Savings Bank: \$4000 for audio-visual introduction to Hall of the Pacific and towards the cost of installing further mobile shelving in Herbarium.
Corbans Holdings Ltd: \$500 towards cataloguing and housing costs relating to the Corban family archives.
Department of Internal Affairs Conservation of Museum Objects Fund: \$3000 for a fumigation unit.
Miss J. H. G. Gollan: Bequest of \$203.
New Zealand Law Society: Donation of \$500.
Scientific Research Distribution Committee, Lottery Board of Control: \$3000 for research by Miss J. M. Davidson on the J. Golson archaeological collection; and \$1000 for research by Mr W. O. Cernohorsky on the molluscan family Costelariidae.
Sir John Logan Campbell Trust: \$15,000 as third instalment of a total of \$51,000 towards the installation of "Auckland — Past and Future Landscapes".
Dr Lucy Cranwell Smith: \$4000 towards the publication costs of *The Botany of Auckland*.

SPECIMENS AND BOOKS

- 1977 **Mr T. E. Clark:** Yuan Dynasty storage jar.
Mr A. G. W. Dunningham: For the Margaret M. Dunningham Collection 43 Balinese items, including material from the Balinese Folk Art Exhibition 1974-75; additional items from India, China and Indonesia.
Miss J. H. G. Gollan: Bequeathed a 17th century sterling silver mug, Queen Anne sterling silver mug and Jean Gautier silver travelling watch.
Mr and Mrs G. F. A. Lewin: Bequeathed a collection of 18th century English table glass.
Mrs I. Worthy: Representative collection of Queensland and Great Barrier Reef Mollusca.
- 1978 **Professor J. Golson:** Extensive New Zealand archaeological collection.
- 1979 **Miss A. T. H. B. Cumming:** Victorian and Edwardian jewellery.
Dr E. C. S. Little: Chinese decorated silver presentation bowl.
Mr L. Wintle: Collections of Chinese enamels and ceramics, and of English china and glass.

ACCESSIONS 1978-79

- Mrs K. Anderson: Korowai cloak; V.A.D. uniform, World War II.
Miss N. R. Banford: Cloisonne plate.
Mr T. J. Bayliss: Studio pottery vase.
Mr H. Brennan: Bamboo flute.
Mrs P. O. Broadhurst: Adze; killing sticks; spears; arrows; large shell.
Mr J. B. Brook: R.N.Z.A.F. uniforms.
Mrs B. M. Butler: Cotton nightgown; identification discs R.A.F.V.R.
Mr R. E. Cantlon: Coalport plate.
Lt-Commander O. W. Carter: R.N.V.R. uniform; medals.
Mrs L. Chinn: Kupesi.
Mrs Muriel Clark: 3 muslin baby's gowns; camisole.
Miss A. T. H. B. Cumming: Ebony jewellery box and collection of Victorian and Edwardian jewellery.
Mr H. D. B. Dansey: Flax basket.
Miss J. Davidson: Stone spall.
Mrs H. B. Dixey: Carved wooden walking stick.
Mr R. Farquharson: Case of Lepidoptera.
Mr J. C. Fenton: English pewter flagon c. 1605.
Sir Charles Fleming, K.B.E.: Collection of New Zealand cicadas, including paratypes.
Mr R. Gruber: Wooden mask.
Mr Hasnah Hamid: Set of Malaysian coins.
Mr P. Horne: Flying jacket.
Mrs L. H. Hosking: Collection of New Zealand marine shells.
Mrs K. Hoskins: Blister pearl fob.
Mrs Rosemary Keene: Dragon robe.
Mrs K. Knight: Bird trough.
Dr E. C. S. Little: Chinese decorated silver bowl.
Miss L. McKenzie: Maltese lace stole.
Mrs A. C. T. McMullen: Printed cotton shawl.
Mr H. C. Mabbett: Stone adzes.
Dr M. B. Malipatil: Four paratype specimens New Zealand bugs.
Mrs W. A. R. Maunsell and family: Meissen figure group.
Professor T. Nohara: Cloth.
Estate of the late Miss M. E. O'Loughlen: China and other applied arts items; albums of photographs and postcards.
Mr P. Potter, on behalf of the Japan Society of Auckland: Print by Rei Hamon.
Dr A. W. B. Powell: Fossil barnacles in matrix.
Lady Richmond: Framed copy of the iron barque "Jessie Craig".
Mr A. B. Robotham: Uniform.
Mrs J. Roche: Uniform.
Mr J. Savidan: Cap ribbon.

AIM Ann Report 1978 to 1979

- Mr and Mrs M. Sealy: Tongan material.
- Mrs A. Shaw: 4 albums of a "Pollen Atlas"; coloured drawings of pollen grains by Carl Geissler; 38 phials of weed seeds.
- Mrs N. L. Skilton: Embroidered sampler.
- Mr Leon Solomon: Venetian glass vase.
- Mr Simon Spray: Flying jacket.
- Mr M. Stroud: Red hospital blanket.
- Mrs I. A. Tandy: Samoan canoe model; conch.
- Mrs Carl Tanner: Telescope used by the late C. Reginald Ford as member of Scott's First Antarctic Expedition.
- Mrs J. Tattersfield: New Zealand settlers' clothing, 1850-1970.
- Mrs J. Tombleson: W.W.I.Q.A. nurse's uniform cape, badges and buttons.
- Mrs M. Townsend: Wooden club.
- Mrs C. M. Vialoux: Medals, World War I.
- Mr A. J. White: Ammunition box.
- Miss G. White: Campaign medals.
- Mr C. J. Williams: Piece of shell and musket ball from battlefield of Ruapekapeka.
- Mrs Shirley Winger: South American insect collection.
- Mr L. Wintle: Collections of Chinese enamels and ceramics; English china and glass.
- Mrs M. J. Yllander: U.S.N.R. mess kit.
- Storm - killed, accidentally killed and cage birds: Mrs L. E. Allen, Mrs A. Anderson, Mrs M. E. Anderson, Mr G. Arnold, Auckland Acclimatisation Society, Mrs M. Ayrton, Mr P. Bartlett, Mrs Blount, Mrs Brackstone, Dr M. Buchler, Mrs G. Carruthers, Mr T. Colbert, Mrs M. Collier, Mr R. M. Copeland, Mr T. Denver, Mr P. Dykstra, Mrs C. Exley, Mr I. Friel, Miss A. J. Goodwin, Miss S. Grant, Mr I. Granville, Mr H. Greenwood, Mrs V. Haresnape, Mr C. Hawke, Miss F. Hunt, Miss Hutchinson, Mr Jacobs, Mr T. Jenkins, Mrs G. E. Kelly, Mr F. A. Kemp, Mr A. M. Lappin, Mr D. Lawrie, Mrs P. Leary, Mr H. Lees, Mrs Lock, Mrs F. W. Locke, Mr R. M. Lockley, Mr T. Lovegrove, Mr G. S. D. Luckens, Mr I. McCrone, Mrs C. Mackinder, Mrs A. Malcon, Mr R. Meyer, Mr C. Miskelly, Mrs Morton, Mr H. Muncaster, Mrs Poole, Mrs E. M. Power, Mrs B. Searle, Mrs Shute, Mrs Y. Stevens, Mr A. B. Taylor, Mr M. J. Taylor, Mr R. N. Thomas, Mr N. Tippet, Mrs Tipping; Titirangi Primary School, Mr C. J. Vincent, Mrs G. Watson; Wildlife Service, Mr P. Wilkinson, Mr T. Wright.

BALANCE SHEET AS AT 31st MARCH, 1979

E. G. TURBOTT
Treasurer.

AIM Ann Report 1978 to 1979

AUCKLAND INSTITUTE AND MUSEUM

INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31st MARCH, 1979

EXPENDITURE		1979	1978	INCOME		1979	1978
		\$	\$			\$	\$
Salaries and Wages	400,693		340,720	Contributions from Local Authorities —			
Retiring Allowances	21,309			Metropolitan and Provincial			
Superannuation	20,883		18,951	Statutory	503,630		433,630
				Provincial Voluntary	7,055		6,125
		442,885	359,681			510,685	439,755
Administration Expense —				Subscriptions —			
Audit Fee	874		1,185	Life Members	1,520		1,200
Cleaning, Laundry & Custodial	7,131		4,696	Annual	6,155		5,510
Councillors' Travelling	454		435			7,675	6,710
Freight & Cartage	364		306	Donations —			
General	12,314		7,135	Miscellaneous		590	379
Heating, Lighting & Water	9,776		9,800				
Insurance	3,923		3,579	Rent, Interest and Dividends —			
Legal Fees	10,562		1,490	Trusts	1,976		1,976
Postages, Telephones & Intercom.	8,822		7,491	General Endowments	2,800		2,569
Printing & Stationery	12,695		9,236	General Funds	15,932		10,512
Rates — Auckland City Council	12,709		18,024			20,708	15,057
Staff Removal	1,116						
Travelling	1,857		2,539	Income from Sales and Services —			
		82,597	65,916	Auditorium, net	1,390		
Preservation and Display —				Coffee Lounge, net	18,606		15,984
Conservation Unit — Materials & Expenses	747		—	Exhibition Hall	59		209
Preservation Materials	3,380		1,571	Guided Tours	991		80
Preparation & Taxidermy	2,618		3,141	Planetarium	3,577		3,603
Extension Service	2,358		3,100	Publications	3,823		5,379
Special Exhibitions	1,470		1,564	Shop, net	30,889		26,199
Photography	1,403		1,447	Special Exhibitions & Sundry	1,337		2,017
		11,976	10,823			60,672	53,471
Institute —							
Expenses	5,158		4,480				
Subscriptions Written Off	408		298				
		5,566	4,778				
Repairs and Maintenance —							
Building	9,172		11,968				
Electrical Fittings	5,495		5,273				
Showcases & Furniture	1,620		840				
Equipment & General	2,028		3,238				
Windows	10,000		15,000				
		28,315	36,319				

Depreciation of Motor Vehicle	—	750		
Sales and Services —				
Auditorium, net	—	550		
Unauthorised Expenditure —				
Entertainment of Guests, etc.	268	266		
Balance transferred to				
Appropriation Account	28,723	36,289		
	<u>\$600,330</u>	<u>\$515,372</u>	<u>\$600,330</u>	<u>\$515,372</u>

APPROPRIATION ACCOUNT

For the Year ended 31st March, 1979

	1979	1978		1979	1978
	\$	\$		\$	\$
Capital Expenditure from Revenue	14,966	22,241	Balance from Income and Expenditure A/c.	28,723	36,289
Capital Expenditure from Reserves, etc.	53,134	14,886	Transfers from —		
Capital Expenditure from Trusts	70	767	Auckland Savings Bank —		
General Endowment	1,000	2,000	Botany Dept., Mobile Shelving	2,000	—
Life Members' Subscription Endowment	1,520	1,200	Pacific Hall, Display Unit	2,000	—
Publications Reserve	3,823	5,379	L. J. Ayre — Philately	24	31
Specimen Purchase Fund	3,000	3,000	Clinch — Photographic Equipment	168	—
Edward Earle Vaile Endowment	7	—	Depreciation of Coffee Lounge Assets	2,952	—
Exchange Loss on Australian Investment	231	122	Depreciation of Shop Assets	1,319	—
Loss on Realisation of Group Investment	—	179	Disney Fund — Specimens	3,881	3,450
Balance carried down	6,851	2,668	J. C. Entrican — Numismatics	46	46
			Exhibition, Auckland's Environment —		
			Sir John Logan Campbell Trust	16,616	3,098
			Auckland City Council, Other Authorities,		
			and General	20,000	—
			Leys — Ethnographic Specimens	—	275
			Library Purposes Fund	1,175	—
			Mackechnie Library Bequest	—	280
			Specimen Purchase Fund	3,013	3,930
			Edward Earle Vaile Endowment	—	179
			Wheelchair Ramp —		
			Auckland Savings Bank	—	4,000
			Mrs J. A. Crum	—	134
			Bertha Wilson — Photography	—	410
			Capital gain on Group Investment	7	—
			Balance brought down	2,668	320
	<u>\$84,602</u>	<u>\$52,442</u>		<u>\$84,602</u>	<u>\$52,442</u>

STATEMENT OF TRUSTS; SPECIFIC AND GENERAL ENDOWMENTS; RESERVES, GIFTS, GRANTS AND PROVISIONS

Description	Capital Balance 1/4/78	Income Balance 1/4/78		Interest	Other Receipts	Total Income	Payments	Detail	Income Balance 31/3/79		Capital Balance 31/3/79	Total Balance
		Dr	Cr						Dr	Cr		
TRUSTS												
Accumulating Endowment	2,607.33			182.51		182.51					2,789.84	2,789.84
H. G. Atkinson — Research	1,478.48		441.94	103.49		103.49				545.43	1,478.48	2,023.91
L. J. Ayre — Philately	1,777.92		200.35	124.46		124.46	23.60	Appn. A/c.		301.21	1,777.92	2,079.13
J. C. Entrican — Numismatics	2,000.00		1,184.53	140.00		140.00	46.48	Appn. A/c.		1,278.05	2,000.00	3,278.05
Mackechnie — Library	4,000.00		—	280.00		280.00				280.00	4,000.00	4,280.00
Janet McLennan — School Service	2,000.00		1,228.96	140.00		140.00				1,368.96	2,000.00	3,368.96
Mitchelson Prize	400.00		301.81	28.00		28.00				329.81	400.00	729.81
Museum Endowment	28,232.44			1,976.27		1,976.27	1,976.27	I & E A/c.			28,232.44	28,232.44
Pond Cheeseman Bequest — Commemoration Prize	290.00		185.67	20.30		20.30				205.97	290.00	495.97
Sir Carrick Robertson — Research	1,200.00		790.18	84.00		84.00				874.18	1,200.00	2,074.18
C. J. Shaw — Natural History and Ethnology Purchases	2,000.00		297.53	140.00		140.00				437.53	2,000.00	2,437.53
Edward Earle Vaile — Ethnology, Library	246,536.80		8,274.70	18,057.78	32,953.86	51,011.64	53,927.88	Vaile A/c. Appn. A/c.				
					7.20	7.20				5,358.46	246,544.00	251,902.46
Vaile Obsolescence Fund	23,339.47			1,633.76	400.00	2,033.76				25,373.23	23,339.47	25,373.23
Bertha Wilson — Cinematography	4,000.00		3,546.36	280.00		280.00				3,826.35	4,000.00	7,826.35
Bertha Wilson — Photography	2,000.00		57.15	140.00		140.00				197.15	2,000.00	2,197.15
	321,862.44		16,509.18	23,330.57	33,361.06	56,691.63	55,974.23			15,003.11	324,085.91	339,089.02
GENERAL ENDOWMENTS												
General Endowment	3,100.00			217.00	1,000.00	1,217.00	217.00	I & E A/c.			4,100.00	4,100.00
Eleanor L. Hellaby Bequest	10,141.10			709.88		709.88	709.88	I & E A/c.			10,141.10	10,141.10
Rose B. Hellaby Bequest	2,000.00			140.00		140.00	140.00	I & E A/c.			2,000.00	2,000.00
Houghton Bequest	600.19			42.01		42.01	42.01	I & E A/c.			600.19	600.19
Life Members' Subscriptions	24,156.64			1,690.96	1,520.00	3,210.96	1,690.96	I & E A/c.			25,676.64	25,676.64
	39,997.93			2,799.85	2,520.00	5,319.85	2,799.85				42,517.93	42,517.93

RESERVES, GIFTS, GRANTS AND PROVISIONS

Auckland Savings Bank —													
Botany Department, Mobile Shelving				2,000.00	2,000.00	2,000.00	Appn. A/c.						
Pacific Hall, Display Unit				2,000.00	2,000.00	2,000.00	Appn. A/c.						
Building Maintenance	41,513.88	2,905.97	6,000.00	8,905.97	2,693.62	1 & E A/c.				47,726.23	47,726.23		
Exhibition, Auckland's Environment —													
Sir John Logan Campbell Trust	17,252.45	1,207.67	15,000.00	16,207.67	16,616.35	Appn. A/c.				16,843.76	16,843.76		
Auckland City Council, Other	1,831.66	128.22	18,583.33	18,711.55	20,000.00	Appn. A/c.				543.21	543.21		
Authorities, and General	202.96	14.21		14.21	167.92	Appn. A/c.				49.25	49.25		
Clinch — Photographic Equipment				500.00	500.00					500.00	500.00		
Corban Family Archives Fund				104.84	104.84					1,602.49	1,602.49		
Depreciation of Investments	1,497.65	104.84		655.13	1,655.13					11,014.14	11,014.14		
Depreciation of Auditorium Assets	9,359.01		1,000.00	3,141.00	3,885.41	Appn. A/c.				10,529.26	10,529.26		
Depreciation of Coffee Lounge Assets	10,634.45		744.41	1,579.00	2,277.76	Appn. A/c.				10,032.58	10,032.58		
Depreciation of Shop Assets	9,982.32	698.76	1,579.00	750.00	1,723.33	Appn. A/c.				13,802.28	13,802.28		
Depreciation of Motor Vehicles	13,904.70	973.33	750.00	4,268.82	1,825.75					8,109.14	8,109.14		
Educational Publications	3,840.32	268.82	4,000.00										
Government Grants —													
Trav. Exhibitions Programme 1976/77	2,516.07				2,516.07	I & E A/c.							
Conservation Programme 1977/78	5,654.79		3,000.00	3,000.00	5,119.34	I & E A/c.				3,535.45	3,535.45		
Fumigation Unit 1978/79			3,000.00	3,000.00						3,000.00	3,000.00		
Administration of Antiquities Act	768.52		4,000.00	4,000.00	4,707.00	I & E A/c.				61.52	61.52		
Horton — Geology	375.71	26.30		26.30						402.01	402.01		
Leys — Ethnographic Specimens	785.79	55.01		55.01						840.80	840.80		
Members' Library Purposes Fund	2,265.23	158.57	1,613.74	1,772.31	1,175.00	Appn. A/c.				2,862.54	2,862.54		
Members' Specimen Purchase Fund	698.25	48.88	673.25	722.13						1,420.38	1,420.38		
Memorial Halls	8,783.59	614.86	57.58	672.44						9,456.03	9,456.03		
Nuffield Grant	1,746.48	122.25		122.25						1,868.73	1,868.73		
Oceanographic Grant	105.60	7.39		7.39						112.99	112.99		
Publications Reserve	32,547.06	2,278.29	3,822.58	6,100.87						38,647.93	38,647.93		
Queen Elizabeth II Arts Council —													
Conservation Grant	481.50	33.71		33.71						515.21	515.21		
Reserve for Building Additions	1,960.69	137.25		137.25						2,097.94	2,097.94		
Scientific Research Distribution													
Committee Grant			1,201.34	1,201.34	1,201.34	I & E A/c.							
Special Visitors' Fund	812.30	56.86		56.86						869.16	869.16		
Specimen Purchase	259.19	18.14	3,202.60	3,220.74	3,013.21	Appn. A/c.				466.72	466.72		
Specimen Purchase — Disney Fund			3,881.12	3,881.12	3,881.12	Appn. A/c.							
Window Maintenance	26,610.73	1,862.75	10,000.00	11,862.75						38,473.48	38,473.48		
Window Replacement Fund	66,069.51	4,624.86	16,499.86	21,124.72	25,951.09	I & E A/c.				61,243.14	61,243.14		
Sir John Logan Campbell Trust —													
Restoration of stonework	11,682.26	817.76		817.76	93.10	I & E A/c.				12,406.92	12,406.92		
	274,142.67		18,564.24	105,505.40	124,069.64	99,179.02				299,033.29	299,033.29		

EDWARD EARLE VAILE ENDOWMENT AND BEQUEST ACCOUNT
(A summary of this account is included in the Statement of Trusts)

	1979 \$	1978 \$		1979 \$	1978 \$
Capital Expenditure —			Rents Received	31,648	28,875
Collections	10,566	7,212	Less Expense —		
Furniture and Fittings	226	879	Commission	2,301	2,224
Library	12,796	10,826	Insurance	830	749
	23,588	18,917	Rates	1,564	1,358
			Repairs and Maintenance	2,271	1,297
Archaeology —			Architect's Fees	245	—
Salary, Wages and Superannuation	19,788	14,815	Legal Fees	469	—
Travelling, Field Expense and Sundry	838	2,261		7,680	5,628
	20,626	17,076	Net Rents	23,968	23,247
Legal Fee	—	80	Interest and Dividends —		
Transfer to Obsolescence Fund	400	400	Term Deposit, Bank of N.Z.	1,135	643
Interest on Obsolescence Fund	1,634	1,500	Local Authority Stock	1,600	1,600
	2,034	1,980	N.Z. Government Stock	480	480
			Trust Companies	14,120	11,523
			Dividends	722	722
				18,057	14,968
Balance carried down	5,358	8,275	Rates Recovered	1,306	—
	\$51,606	\$46,248	Balance brought down	8,275	8,033
				\$51,606	\$46,248

SOURCES OF INCOME FOR THE YEAR ENDED 31st March, 1979

During the year under review, the Museum derived income from the following sources:—

(a) Contributions from Local Authorities	510,685
(b) Income from Investments (including Trust Investments)	84,666
(c) Income from Sales and Services	60,672
(d) Grants, Gifts and Donations	76,803
(e) Members' Subscriptions	7,675
	<u>\$740,501</u>

ROLL OF HONORARY LIFE MEMBERS

	Elected
Ferdinand von Hochstetter, PH.D.	1868
Sir Cecil Leys	1931
H. E. Vaile, Esq.	1931
Captain G. A. Humphreys-Davies	1944
E. Earle Vaile, Esq., O.B.E.	1944
Professor H. W. Segar, M.A., F.R.S.N.Z.	1946
W. G. White, Esq.	1946
Sir Frank Mappin, Bart	1947
J. C. Rennie, Esq., LL.B.	1947
J. C. Entrican, Esq.	1948
Eruini Taipari, Esq.	1949
Sir Carrick Robertson, F.R.C.S.	1951
A. T. Pycroft, Esq.	1951
Sir James Gunson, C.M.G., C.B.E.	1955
Sir John Allum, C.B.E.	1960
M. K. Draffin, Esq., M.C., F.R.I.B.A.	1960
Sir Ernest Davis	1961
Sir William Goodfellow	1962
W. Calder MacKay, Esq., O.B.E., M.C.	1962
Sir Gilbert Archey, C.B.E., M.A., D.SC., F.R.S.N.Z.	1963
E. H. Rhodes, Esq, B.SC.	1963
Lucy Cranwell Smith, M.A., D.SC., F.L.S., F.R.S.N.Z.	1964
J. Seabrook, Esq., C.M.G., A.F.C.	1964
Professor L. H. Briggs, D.SC., D.PHIL., F.R.S.N.Z.	1965
W. B. Dixon Stroud, Esq.	1966
Rt. Hon. Sir Harold Barrowclough, K.C.M.G., C.B., D.S.O., M.C.	1967
C. E. Disney, Esq	1967
R. S. Milne, Esq.	1968
W. Taipari, Esq.	1968
Archbishop James M. Liston, C.M.G., D.D., HON.LL.D.	1970
K. B. Myers, Esq., M.B.E.	1971
A. U. Wells, Esq., C.B.E.	1972
A. W. B. Powell, HON. D.SC., F.R.S.N.Z.	1973
J. C. Fenton, Esq.	1975
E. G. Turbott, Esq., M.SC.	1975
T. E. Clark, Esq.,	1977
J. H. Rose, Esq., LL.B.	1977

Members of the Auckland Institute.

HONORARY LIFE MEMBERS

- | | |
|--------------------------------|------------------------------------|
| T. E. Clark, Esq. | J. H. Rose, Esq., LL.B. |
| C. E. Disney, Esq. | J. Seabrook, Esq., C.M.G., A.F.C. |
| J. C. Fenton, Esq. | Mrs L. Cranwell Smith, M.A., |
| Sir William Mackay, O.B.E., | D.Sc., F.L.S., F.R.S.N.Z. |
| M.C. | W. B. Dixon Stroud, Esq. |
| R. S. Milne, Esq., C.B.E. | W. Taipari, Esq. |
| Sir Kenneth Myers, M.B.E. | E. G. Turbott, Esq., Q.S.O., M.Sc. |
| Dr A. W. B. Powell, Hon.D.Sc., | |
| F.R.S.N.Z., | |

LIFE MEMBERS

- | | |
|-------------------------------------|-----------------------------------|
| Adams, G. E. | Bellingham, J. E. |
| Adams, L. | Belsham, L. R., B.A. |
| Afford, R. N. | Bennett, Rev. D. M. T. |
| Alexander, A. M. | Bielecki, R. L., M.Sc., Ph.D., |
| Alexander, L. J. | F.R.S.N.Z. |
| Ailddrit, C. | Bierre, N. W., Dip.Arch., |
| Allen, Mrs F. G. H. | A.N.Z.I.A. |
| Allen, L. R., M.Sc., M.A., Ph.D. | Bishop, Miss Brenda, M.A., |
| Ambler, F. N., O.B.E. | B.Com. |
| Anderson, R. L. | Bishop, John J. |
| Armstrong, R. W., M.A., Ph.D., | Bishop, T. A., O.B.E., M.M., B.A. |
| M.P.H., M.R.S.H. | Bishop, W. N. |
| Arthur, Mrs Nola V., N.Z.L.A. | Blackburn, Mrs Y. D. L. |
| Cert., A.N.Z.L.A., A.L.A.A. | Bogle, Professor A. G., B.E. |
| Ash, Miss C., M.A. | (N.Z.), D. Phil.(Oxon.), C.Eng., |
| Astley, F. Lloyd | F.I.E.E., M.N.Z.I.E. |
| Atkinson, J. D., O.B.E., | Bonham, Professor D. G., |
| M.Agric.Sc., D.Sc., F.R.S.N.Z. | O.B.E., M.A., M.B., B.Chir. |
| | (Camb.), F.R.C.S., F.R.A.C.S., |
| | F.R.C.O.G. |
| Bach, C. R., E.D., B.Sc. | Bonny, G. E. |
| Bach, Miss Elizabeth E. R. | Booth, C. H. |
| Baker, D. H. | Bourke, Mrs N. J., Q.S.M., J.P. |
| Ball, Mrs J. E. M. | Bow, A. F. |
| Bamford, Miss N. R., B.A. | Bowden, Dr. B. J. |
| Bannister, M. H. | Bowling, Miss R. |
| Barbarich, J. P. | Boyd, R. A., E.D. |
| Barnes, J. R., B.D.S. | Brake, Brian |
| Barnfather, R. L. | Brehmer, K., B.A. |
| Bartlett, W. H. | Brett, Miss Marguerite |
| Baskett, Dr. Noel | Brett, Miss Philippa |
| Batten, W. N., M.A., A.R.A.N.Z. | Briale, Miss F. M. G. |
| Batley, M. H., M.Sc., Ph.D. | Briggs, R. M., M.Sc., Ph.D. |
| Beever, J. E., M.Sc.(Auck.), Ph.D. | Briggs, Mrs S. M. |
| (Leeds) | Broadfoot, Mrs R. M. |
| Beever, R. E., M.Sc.(Auck), | Broadly, Miss A. H. |
| Ph.D.(Leeds) | Brook, F. J. |
| Bell, E. A., B.Sc., B.E., | Brook, Miss P. J. |
| A.M.I.C.E., F.N.Z.I.E., | Brooker, S. G., M.Sc., Hon. |
| C.R.Ae.S. | F.N.Z.I.C., Hon. F.I.F.S.T. |
| Bell, G. B., B.E., B.Sc., M.I.C.E., | (N.Z.) |
| A.F.R.Ae.S. | |
| Bell, Mrs G. B., M.Sc. | |

AIM Ann Report 1978 to 1979

Brooking, C. T., E.D., M.A.,
Dip.Ed.
Brothers, Professor R. N., M.Sc.,
Ph.D., D.I.C.(Lond.), F.G.S.,
F.R.S.N.Z.
Brown, Arthur. A.C.A.
Brown, A. G.
Brown, D. F.
Brown, H., B.A.
Brown, Harvey St. C.
Brown, Mrs J., N.Z.L.A.Cte.
Brown, Mrs Judith C.
Brown, Julian
Brown, W. G.
Browne, G. H., F.C.A., J.P.
Browne, W. E., B.Sc.
Buchanan, K. R., B.C.L.
Buddle, J. F.
Bull, Peter C., D.Sc.
Bunby, H. S.
Butcher, Miss R.
Byttiner, Mrs L. I.

Cairns, Dr. F. J.
Cambie, Professor, R.C., M.Sc.,
Ph.D., D.Sc., A.N.Z.I.C.
Campbell, Philip
Campbell, T.M., A.M.I.C.E.,
M.N.Z.I.E.
Campbell, W. M., M.A., Dip.Ed.
Candy, Miss L. S.
Canter-Visscher, Mrs E. E.
Carbutt, J. M., B.A., Dip.Ed.,
Dip.Tchg.
Carless, Miss Margaret E.
Carpenter, J. W. M.
Carr, Mrs B. A.
Carver, Mrs H. M., M.A.
Cassie, U. V., M.A., Ph.D.
Caughey, Professor J. E., M.D.
F.R.C.P.
Caughey, J. Stuart
Caughey, Mrs R. H.
Caughey, W. G.
Chambers, D. N.
Chambers, Professor T. C.,
M.Sc., Ph. D.
Chandler, Mrs J. M.
Charlton, R. W., M.Sc., Dip.
Maths.(Lond.)
Cheesman, O. A., M.B.E.
Childs, Dr. T. D. C.
Chong, Mrs S. A.
Claffin, William H.
Clark, J. L., LL.B.,
Clarke, E. C.
Clerk, Miss M. T. B.
Close, R. C., M.Sc., Ph.D.
Colebrook, D.

Collier, R. Bruce
Collins, Professor E. R., O.B.E.
M.Sc., Ph.D., F.R.S.N.Z.
Colquhoun, J. A., B.D.S., Dip.Ed.
(Sydney). M.Phil.
Comber, Dr R. E. H., M.B.,
Ch.B., F.F.A.R.A.C.S.
Cooke, A. C.
Cooke, D. L.
Cooke, D. W. L.
Cooke, Mrs M. E.
Cooke, W. L.
Cooke, W. L., Jnr.
Cookson, F. G.
Coop, Dr H. V., F.R.C.S.(Eng.)
Corbett, Captain D. A., A.F.R.A.
& S.
Couldrey, H. W.
Craig, J. C.
Crockett, R. M., B.Com.
Crocombe, R. G.
Crompton, W. J.
Crookes, Miss M. W., M.A.
Cropper, P.
Cunningham, A. D.
Currie, Mrs R. H. J., M.Sc.

Dale, T. J.
Dalton, F. J.
Dare, P. H.
d'Auvergne, Mrs C. E. M.
Davis, Associate-Professor B. R.,
M.Sc., Ph.D.(N.Z.), D.Sc.,
D.Phil.(Oxon.), F.N.Z.I.C.
Davis, F. W., D.F.A.
de Courcy, N. M.
de Courcy, N. R.
de Vere, J. W., J.P.
Diamond, J. T.
Dickson, J. F. W., LL.B.
Dignan, Wing Commander P. B.,
R.A.F.
Dingley, G., M.Sc.
Dingley, Miss J., M.Sc.
Dixon, C. E., M.Sc., A.A.S.E.
Dixon, L. G.
Donald, Lady
Draffin, Rodney F., F.N.Z.I.A.
Dreadon, Dr Ross G., M.B.,
M.R.C.P.(Lond.), M.R.A.C.P.,
D.C.H.(Eng.)
Dugdale, J. S., B.Sc.
Duncan, Miss M., M.A.

Edgar, A. T., O.B.E., E.D.
Edgelow, Miss K. I.
Edwards, Professor J. S., M.Sc.,
Ph.D.(Cantab.), F.R.E.S.
Elliott, Ruth F., Ph.D.
Ellis, J. D. O.

AIM Ann Report 1978 to 1979

- Elwell, Mrs E. M., N.Z.R.N.,
Dip.N.
Ely, I. D.
Erwood, R. C., B.S.
Esson, Miss M. M., B.Sc.
Evans, Miss Enid A., B.A.,
A.L.A., F.N.Z.L.A.
Evans, Miss L. K.
Everton, E. H., A.C.A.
Fawcett, J. D., Ph.D., M.Sc.
Fenton, J.
Fenwick, Dr. G., F.R.A.C.S.
Ferguson, A. L.
Ferguson, A. R., B.Sc.(Hons.),
M.Sc., Ph.D., A.N.Z.I.C.
Firth, C. W., M.Sc., M.I.C.E.,
M.I.W.E., F.N.Z.I.E.
Firth, Jolyon R., F.C.A.
Firth, Sir Raymond, M.A., Ph.D.,
F.B.A.
Fisher, Miss E. E.
Fisher, V. F., M.A., F.M.A.N.Z.
Fitzgibbon, T. O., M.A.
Fitzpatrick, B. V., LL.B.
Fleming, Sir Charles, K.B.E.,
D.Sc., F.R.S., F.R.S.N.Z.
Fletcher, B.
Fletcher, Mrs M. M.
Forster, P. G.
Forster, B., LL.B., F.R.N.S.
Fowlds, M. G.
Fowler, Mrs M. C., M.A.
Freyberg, Mrs P. S., B.A.
Galbraith, C. E.
Gallaher, P. J., B.Sc.
Garbely, Mrs M. K.
Gardiner, Mrs Dorothy J.
Gardner, C. le G.
Gardner, J. J. C.
Geddes, A. McK., Dip.Hort.
Gentles, J. A.
George, P.
Giles, E. T., M.Sc., Ph.D., D.I.C.,
F.R.E.S.
Gillman, Miss A. M.
Gleeson, N. M., E.D., B.D.S.
Gluckman, Dr L. K., M.D.,
M.A.N.Z.C.P., F.R.A.C.P.,
F.R.N.S.N.Z.
Goldie, Mrs J. H.
Goodey, J. H., M.Sc., A.N.Z.I.C.
M.C.
Graham, A. P., A.C.I.A.
Graham, Mrs M. F. S., M.A.
Gray, Miss N. J., B.A.
Griffiths, W. G., B.D.S.
Grimes, E., M.A.
Grimes, Ronald
Gunson, D. W.
Haigh, S. B.
Hall, Rev. Allen H., M.A. (N.Z.),
Dip.Tchg., M.A. (Qld.), Ph.D.
(Qld.).
Hall, Professor D. M.Sc., Ph.D.,
D.Sc., F.R.S.N.Z., F.N.Z.I.C.
Hall, Mrs M. A.
Hames, T. L., F.C.I.S., F.C.S.,
F.R.A.N.Z.
Hamilton, Miss I. M.
Hannken, P. B., M.Sc.
Hardy, D. C.
Hardy, Mrs Ann
Harper, Mrs K. R.
Harrington, H. J., Ph.D.
Hartnell, S. F.
Harvey, Mrs Z. L.
Hatch, E. D.
Hayes, D. C.
Hayman, L. T.
Heather, Mrs L., B.A.
Hebbend, Mrs A. C., B.A.
Henley, B. R.
Henley, G. D.
Henley, J. C., D.C.M., E.D.
Hensen, R. C. H.
Hesketh, C. R., D.F.C., LL.B.
Hintz, O. S., C.M.G.
Hipkins, A. K.
Hitchcock, Mrs Jocelyn,
Dip.H.Sci.
Hitchens, L. W.
Hjorring, V. K., B.Sc.
Hole, Mrs G.
Hole, G. I., B.Arch., F.N.Z.I.A.
Holland, H. C., O.B.E., M.Sc.,
Ph.D.(Leeds), Hon. D.Sc.,
F.R.I.C., F.N.Z.I.C.
Holland, Mrs W.
Hollier, R. J., Dip.Hort.
Holt, Mrs J. H.
Hooker, O. L.
Hooton, Professor D. J., M.Sc.
(N.Z.), Ph.D.(Edin.), F.Inst.P.
Horner, Trevor J.
Horton, H. M., M.A.(Cantab.),
LL.B.
Hounsell, L.
Hovell, S. M.
Howlett, Mrs N.
Hughes, Lt-Colonel A. R.
Hughes, Dr Elizabeth, O.B.E.
Hunt, F. A. I.
Hunt, Miss F. I.
Hunter, Mrs Joan
Hunter, L. O., A.M.I.E.E.
Hurrey, Miss M. L., B.A.
Hynes, M. F.
Hynes, Mrs P.

Innes, C. B., F.R.C.S.
Irvine, A. A., B.A.
Izard, Miss A.

Jacks, H., M.Agr.Sc., Ph.D.,
D.Sc., Dip.Ed., Dip.For., Dip.
Admin.
Jackson, A. G., M.S.I.A., I.D.S.A.,
N.Z.S.I.D.
Jackson, G. W., F.R.G.S.
Jackson, J. R., B.Sc.
Jackson, P. D., B.Com.
Jackson, Dr. W. L. H., M.B.,
Ch.B., M.R.C.P.
James, J. W., M.Sc.(Hons.)
Jamieson, C. A.
Johnston, J. B., LL.B.
Johnston, Mrs M. G.
Jones, B. H., J.P.
Jones, B. M., LL.B.
Joyce, N. S., B.Agr.Sc.

Kawharu, Professor I. H., M.A.
(Cantab.), B.Sc., D.Phil.(Oxon).
Keam, Associate-Professor R. F.,
M.Sc., B.A.(Cantab.)
Kear, D., B.Sc., B.Sc.(Eng.),
Ph.D., A.R.S.M.
Keith, Hamish, Dip. F.A.N.Z.,
A.M.A.
Kelliher, Lady
Kelliher, Sir Henry
Kelsey, O. J.
Kendall, R. J.
Kerkin, E. H.
Kibblewhite, Professor A. C.,
M.Sc.(N.Z.), Ph.D., D.I.C.
(Lond.), F.Inst.P.
King, G. G.
King, J. L.
Kingston, B. H., LL.B.
Kingston, J. R.
Kingston, Mrs J. R.
Kinnear, R. F.
Kirk, W. D. A., C.Eng.,
M.I.Mar.E.
Kissin, Joseph
Knowing, J. E., M.B.E., B.Com.,
F.C.I.S.
Komsars, J.
Korman, H.
Kreielsheimer, Professor K. S.,
F.Inst.P., M.I.E.E., D.Eng.
Kuschel, G., M.Sc., Ph.D.

Lambert, G. S.
Lambert, H. C. A.
Lambert, Henry, F.N.Z.I.M.

Laurenson, Rev. G. I., C.B.E.
Lawson, S. A.
Laxon, W. A., LL.B.
Leith, Miss M. R.
Lennard, L. M.
Lennox-King, Commander J.
Le Quesne, Colin, J., M.Sc.
Le Quesne, Philip, M.Sc., Ph.D.
Lethbridge, B. R., B.A.
Leys, T. H.
Liggins, C. D., B.D.S.
Linzey, J. T.
Livingston, Miss J. S.
Lloyd, Miss C.
Longden, R. H.
Lowry, L.
Lucas, Cuthbert
Lucena, L., E.D., B.A.
Luckens, F. S. D., C.Eng.,
M.I.E.E., M.N.Z.I.E.
Luckens, Penelope A., Ph.D.

McCabe, Father P.
McCallum, J.
McCay, Rev. S. J. D., M.A.
McClelland, A. C., M.Sc.
McElroy, H. M.
McFarland, Miss M.
McGirr, R.
McGusty, Dr. V. W. T., C.M.G.,
O.B.E., M.B.
McKinnon, I. W., F.I.C.E.,
F.N.Z.I.E., J.P.
McPhail, Surgeon Captain E. S.,
C.B.E., V.R.D., R.N.Z.N.
Maasland, Paul
Maffey, N. A., A.C.A.
Mahon, R. B. G., LL.B.
Manchester, Mrs Lois Y.
Mappin, Miss L.
Marino, B. F., B.E. (Hons.),
M.N.Z.I.E.
Marshall, A. C., M.Arch.
A.R.I.B.A., A.N.Z.I.A.
Martin, K. A.
Mason, A. P., M.Sc.
Massey, H. L.
Massey, Mrs Lorna M.
Matthews, Dr. J. D.
Matthews, Professor R. E. F.,
M.Sc., Ph.D., Sc.D., F.R.S.,
F.N.Z.I.C., F.R.S.N.Z.
Matthews, Mrs W. J.
May, Mrs B. M.
Maylor, R.
Mays, Mrs K.
Meikle, Mrs P. C., M.A., Dip.Ed.
Mercer, J. E.

AIM Ann Report 1978 to 1979

- Mill, F. D.
 Millener, Professor L. H., M.Sc., Ph.D.
 Millener, P. R., M.Sc.(Hons.)
 Mills, A. L. F., A.C.A.
 Minn, H. R., M.A., B.D., Ph.D.
 Mitchelson, E. J.
 Mollard, Miss S. M.
 Monk, F., B.A., M.Com.
 Moore, P. Eisdell, M.B., Ch.B., F.R.C.S., F.R.A.C.S., D.L.D.
 Moyle, Miss E. H., M.A., Dip.Ed.
 Moynihan, R.
 Muir, Brian D., B.A.
 Munro, J. N.
 Murdock, C. G.
 Murphy, Colonel W., C.B.E., M.C.
 Myers, A. D.

 Nash, Dr M. D., M.B., Ch.B., M.R.C.G.P.
 Nash, Mrs M.
 Natusch, Mrs Q. S.
 Newhook, Professor F. J., M.Sc., Ph.D.
 Niccol, Miss N. T., B.A.
 Nicholls, G. A., M.Sc., Ph.D., F.N.Z.I.C.
 Nicholson, C. F.
 Nicholson, Mrs I. E., M.Sc.
 Nobbs, Dr C. L., M.Sc., Ph.D. (Auck), B.Sc. (Econ) (Lond.)
 Nolan, Miss B.
 Nugent, V. G.

 O'Loughlen, Miss R., B.A.
 Orford, Rt. Hon. Countess of
 Otway, Dr. W. F.

 Painter, Mrs Gilian, B.A., Dip. Ed.
 Parkinson, C. L., B.A.
 Parr, Mrs E. C., B.Sc.
 Paterson, Dr Andrew. M.B., Ch.B.(N.Z.), M.R.C.G.P.
 Paterson, M. B., B.A.
 Paton, E., M.B.E.
 Pegler, Russell J.
 Pendergrast, Professor J. G., M.Sc., Ph.D., D.I.C.
 Penfold, Mrs V. B.
 Percy, Mrs Eleanor A., M.Sc.
 Percy, Professor J. H., B.Sc., B.E.(N.Z.), Ph.D.(Camb.), F.N.Z.I.E.
 Perry, D. L., B.Com., F.C.I.S., A.C.A.
 Peters, A. C., B.D.S.

 Peterson, A. R.
 Phillips, Lady
 Pierce, Rev. J. C., B.A.
 Plantey, P.
 Pollard, B. R.
 Porter, R. J. F.
 Prendergast, B. M.
 Prickett, Mrs J.
 Prins, H. C., B.D.S.(N.Z.)
 Pullar, Mrs E. M., B.A.
 Purdie, Dr. D. A.
 Purvis, Dr. G. S.
 Pycroft, L. T. J.
 Pycroft, R. T.

 Rains, Miss C. M.
 Ramsay, G. W., B.Sc., M.Sc. (Hons.), Ph.D.
 Rands, M. B., M.Sc. F.N.Z.I.C., F.I.F.S.T.
 Rattenbury, Professor J. A., M.A., Ph.D.
 Reece, E. E.
 Reed, Mrs Sylvia M.
 Revell, G. L.
 Richwhite, C. M.
 Ringer, Mrs A. M., B.Sc.
 Riordan, Dr Teresa P., M.B., Ch.B., F.F.A.R.C.S.
 Rix-Trott, Mrs G.
 Robertson, Dr James W. B.
 Roberts, Miss D. J.
 Roberts, Dr. R. H.
 Roberts, R. V.
 Roberts, W. G.
 Robertson, Dr D. B., M.B., B.S.(Melb.), F.R.C.S.(Eng.), F.R.A.C.S.
 Robertson, Ian B.
 Robertson, Lady
 Robertson, Mrs S. I. R.
 Robinson, Sir Dove-Myer
 Robinson, M. V.
 Robinson, Professor R. A., D.Sc., Ph.D.
 Robinson, Miss Rose A.
 Roche Dr, A. H. G., M.B., Ch.B. (N.Z.), F.R.A.C.P.
 Roche, E. H., M.C., M.D., F.R.A.C.P.
 Roche, E. J., B.E., M.I. Mech.E., M.N.Z.I.E.
 Roscoe, Miss D. K. V.
 Ross, Mrs L. A. S.
 Ross, Mrs Ruth
 Ross-Lowe, W. H., M.B.E.
 Rowley, E. O.
 Rowntree, Miss F. M., B.H.Sc., Dip.Tchg.
 Rowntree, J. B., B.E., B.Sc.

AIM Ann Report 1978 to 1979

Roy, B.
Rumsey, B. J.
Rumsey, S. A.
Russell, Mrs T. G.

Salmon, E. P., O.B.E., J.P.,
F.C.A., F.C.I.S.
Salmond, Mrs Katharine
Salmond, R. J.
Sanderson, Mrs H., M.Sc.
Sayes, Mrs P.
Sayes, Miss S. A.
Schischka, J. F. Y., M.B.E.
V.R.D. and Clasp, B.Com.,
F.C.A., F.C.I.S.
Scholes, J. A.
Scobie, R. A., M.A., F.M.A.N.Z.
Scopes, G. K.
Scott, G. B.
Scott, I. G., E.D.
Scott, R. G.
Seabrook, Mrs J.
Searle, Professor E. J., D.Sc.
Seelye, R. N., M.Sc., D.Phil.
(Oxon.)
Segedin, Barbara P., M.A., Ph.D.
Segedin, Professor C. M., M.Sc.,
Ph.D.
Shadbolt, M.
Sheppard, Professor E. A., M.A.,
Sibson, R. B., M.A.
Sibson, Mrs R. B.
Simmonds, R. F. S.
Simon, Mrs J. A.
Skinner, P. M., C.Eng.,
M.I.Mech.E.
Smale, David
Smart, W. E.
Smith, R. C. K.
Smith, Warwick
Smith, Mrs Warwick
Speakman, J. F.
Speedy, Squire L.
Spiller, D., Ph.D.
Spragg, Mrs E. J., M.A.
Spragg, R. F., E.D., B.Com.,
A.C.A.
Spring-Rice, Mrs W.
Stace, K. M., B.Arch (Hons.)
Staveley, Dr J. M., O.B.E., M.C.,
M.B., Ch.B.(N.Z.), F.R.C.P.
(Edin.), F.R.A.C.(Path.)
Steen, D. H., M.Com.
Stein, P. F.
Stein, T. V.
Stephenson, A. B., M.Sc.
Stevens, F. S., J.P., A.C.G.E.,
F.N.Z.I.M.
Stevens, L. J.

Stevenson, A. G., M.A., B.Sc.
Stevenson, Miss E. M.
Stevenson, R. S.
Stewart, Dr. J. H.
Strevens, W. John, B.A., B.Com.,
A.C.A.
Stuart, Miss R.
Sutcliffe, Mrs Olga M.
Sylvester, R. A., M.A.

Talbot, Mrs E. M. F.
Talbot, Dr R. R.
Tandy, A., D.C.M., M.M.,
C.deG., C.deL., A.F.N.Z.I.M.
Tandy, T. A., M.Sc. Eng. (Kobe),
B.E. (Civil)
Tattle, B. N., A.A.S.A., A.C.I.S.,
A.C.A.
Taylor, Commander C. J., B.Sc.,
R.N.Z.N.
Taylor, F. C. D., B.Com.
Taylor, F. J., Ph.D.
Taylor, Mrs G. M., M.Sc.
Taylor, Miss L. I., M.P.S.
Taylor, Dr M. J., M.A., D.Phil.
(Oxon.), A.N.Z.I.C.
Taylor, Dr R. M. S.
Temm, Mrs Shirley
Temple, Mrs Jessie M. W.
Therklesen, R. L.
Thomas, P. W.
Thomas, R. E.
Thomas, S. W.
Thompson, B. N.
Thorburn, G. L.
Tidswell, Mrs J. R.
Tillsen, Mrs H. D.
Titchener, Professor A. L., B.Sc.,
B.E.(N.Z.), Sc.D.(M.I.T.),
A.O.S.M., A.M.I.Mech.E.,
M.N.Z.I.E., M.A.I.M.E., F.I.M.
Trebilcock, Miss L. D.
Trevathen, C. B., M.Sc., Ph.D.
Turbott, Mrs E. G., F.M.A.N.Z.
Turnbull, L. P.
Turner, R. J., B.E., C.Eng.,
M.I.C.E., M.N.Z.I.E.

Vaile, Christopher E.
Vaile, Gordon
Veal, Mrs K. J.
Verry, R. B., A.C.A.
Vethaak, C.

Wagener, Mrs Lois
Wain, Mrs C. E.
Walker, W. L.
Wallace, J. H., Q.C.

AIM Ann Report 1978 to 1979

Walls, S. D., J.P.
Ward, D. L.
Wardell, F. N.
Warren, Dr A., B.A., M.B., Ch.B.,
M.R.C.O.G.
Warren, P. K.
Warren, Dr P. S., M.B., Ch.B.
Waters, Professor T. N. M.,
M.Sc., Ph.D.(N.Z.), D.Sc.,
A.N.Z.I.C.
Watkins, Mrs Janet M.
Watson, A. P. B., M.A.(Oxon.)
Watt, J. C., M.Sc., D.Phil.,
F.R.E.S.
Webber, C. E. R.
Weir, D. M., A.C.A., A.C.I.S.
Weir, P. B., B.A., LL.B.
West, J. A.
Weston, G. C., B.Sc., M.A.
(Oxon.)
Whitcombe, Miss J. Noel
White, E. G.
White, G. R.
White, Mrs L. A.
Whitmore, D. F.
Whitney, W. Chisholm
Whittaker, Miss E., B.Sc (Lond)

Whittaker, J. M.
Whitwell, H. J., M.A., Dip.Ed.
Wickham, N. E.
Wilkins, R. C., A.N.Z.I.M.,
A.I.C.M. (Aust.), J.P.
Willan, R. C., M.Sc., A.R.A.D.
Williams, Mrs Pauline, B.Sc.
Willis, E. D.
Willmot, J. R., B.A., Dip. Ed.
Wilson, Mrs A. M.
Wilson, Lewis
Wilson, Therese B., A.C.I.S.
Wilson, W. Scott
Winstone, E. G.
Wise, K. A. J.
Wiseman, M. H.
Woodward, Dr T. E.
Wordsworth, Mrs J.
Wright, A. E., B.Sc.
Wright, Dr D. J.
Wrigley, A., A.N.Z.I.M.
Wylie, D. S.
Wylie, Mrs E. A., Q.S.M., J.P.

Yock, R. A.
Young, Professor E. C., M.Sc.
(N.Z.), Ph.D.(Lond.)

MEMBERS

Abel, D. B.
Adair, Mrs Patricia A.
Adams, Rev. G. O., B.A., LL.B.,
L.Th.
Agnew, J.
Ai'olupotea, T.
Aitken, Miss M. D.
Aldis, W. C. A., M.A., B.Com.
Alexander, C. J.
Alexander, E. R.
Alexander, Mrs M. W.
Algie, Mrs C. M.
Allchin, F. L., B.Arch.,
F.R.A.I.A., A.N.Z.I.A.
Allchin, Mrs Mary
Allen, H. R., B.A.(Syd.), Ph.D.
(A.N.U.)
Allman-Marchant, Miss M.
Amiatu, S.
Angus, W. M., J.P.
Annabell, A. R., M.A., Ph.D.
Annandale, Mrs D.
Annett, H. E., O.B.E., D.Sc.
(Lond.), F.R.I.C., F.N.Z.I.C.
Archdall, Mrs Rose I.
Arlington, S. C.
Arnold, F.
Ashton, S. G.
Astley, L.
Atchison, J. D., A.C.I.I.
Atimalala, M. S.

Atkins, Mrs M.
Atkinson, A. B.
Atkinson, Mrs E. M.
Atkinson, G. S., B.A., B.Sc.,
Dip.Ed.
Atkinson, Mrs Kathrine S.
Auburn, Dr W. S., M.D.
(Cologne), L.R.C.P.&S. (Edin.),
F.R.C.G.P.
Auckram, J. D.
Aufricht, Mrs S.
Austin, Miss M.
Baber, Mrs J. T.
Baber, S.
Baigent, D. G.
Bailey, E.
Baldwin, A. D.
Ball, C. J.
Ball, R. A.
Ballantine, W. J., M.A., Ph.D.
(Lond.)
Ballantyne, D.
Ballara, Mrs A., M.A.
Barclay, D.
Barclay, R. W., A.C.A.
Barfoot, V. H., B.Sc.
Barnard, Mrs J. H.
Barnett, Mrs Pamela, B.A.
Barratt-Boyes, Sir Brian, K.B.E.,
M.B., Ch.M., F.R.C.S.,
F.R.A.C.S., F.R.S.N.Z.

AIM Ann Report 1978 to 1979

Barrett, F.
Bartleet, E. L., LL.B.
Bartlett, P. J.
Barton, I. L., B.Sc.
Bateson, F. M., O.B.E., F.R.A.S.,
F.R.A.S.N.Z., F.A.A.A.S.
Batt, Dr A. L., B.A., M.B., Ch.B.,
Dip.Ed.
Baxter, Mrs E.
Bayley, Mrs J. M., B.Sc.
Bayliss, T. J.
Beachman, F. S.
Beadle, Professor P., M.N.Z.-
S.S.A., M.N.Z.S.I.D., M.F.I.M.,
F.R.S.A.
Beavis, Mrs. Dorothy J.
Beazley, M. J.
Beckett, W. G.
Beckham, A. J.
Bedford, Miss Jennifer J., B.Sc.
Beever, J., B.A., Dip.Ed.
Belgrave, M. P., B.Soc.Sc.
Bell, A. B., B.Sc.
Bell, A. F., B.Sc., A.N.Z.I.M.L.T.
Bell, Miss J.
Bell, L., B.A., Dip.A.H. (Edin-
burgh)
Bell, Mrs P. A.
Bennett, R. G., M.A., B.Com.,
A.C.A.
Bentley, R. M.
Beresford, G. D.
Bigelow, R. C.
Biggs, Professor B. G., M.A.,
Ph.D., F.R.S.N.Z.
Binney, D. H., D.F.A., N.Z.S.S.P.
Binney, Mrs J. M. C., M.A.
Bird, Miss J.
Birks, T. L.
Bishop, Miss D. A.
Black, Mrs M. S.
Black, S., B.A.
Blackie, Mrs D. W.
Blackie, Flt-Lt. P. L.
Blake, Mrs E. L.
Blake-Palmer, Dr. G., E.D.,
M.R.C.S., L.R.C.P., D.P.M.,
F.A.N.Z.C.P.
Blanchard, Mrs S.
Blazer-Koppius, E. A.
Blight, K.
Blow, A. W.
Bodley, D. La M., M.A., Dip.Ed.,
Dip.Tchg.
Boggs, R. O.
Bohle, A., B.F.A.
Boileau, Professor I. E., M.A.
(Camb.), Ph.D.(Manc.), Dip.
T.P.(Lond.), M.T.P.I., F.A.P.I.,
M.N.Z.P.I.

Bollard, E. G., B.Sc., Ph.D.,
F.R.S.N.Z.
Bolt, P. A.
Bond, Mrs P.
Bone, Mrs W. E.
Bonny, Mrs Stephanie
Boutell, Miss H.
Bowden, Mrs G. B. W.
Bowden, G. R.
Bowen, F. E.
Bowmaker, G. A., B.Sc., Ph.D.
(Sydney), M.N.Z.I.C.,
A.R.A.C.I.
Boyes, Mrs B.
Boyes, Miss P. M., M.P.S.
Boyle, Miss G. D., M.A.(Hons.)
Bracewell, J.
Bracey, I. G., A.R.E.I.N.Z.
Bradstock, C. A.
Braggins, J. E., M.Sc.
Brazendale, G., B.A.
Brenchley, Mrs D.
Brereton, D. A.
Brereton, Lt.-Commander W. H.,
M.B.E.
Brewer, N. H.
Brewin, Beryl I., D.Sc.
Brock, Miss J. G., B.A., Dip.
N.Z.L.S., A.N.Z.I.A.
Brook, P. J., M.Sc., Ph.D.
Brook, Mrs Shirley D., M.Sc.
Brooke, R.
Brookes, Mrs Betty
Brooks, Miss S.
Brothers, J. H.
Brown, Professor D., Ph.D.,
F.R.S.N.Z.
Brown, Ms D. C., M.A.(Hons.),
Dip.N.Z.L.S.
Brown, E. S.
Brown, K. D., Dip.G.D.
Brown, Mrs L. Vernon
Brown, Dr Stuart H., M.B., Ch.B.
Browne, J. C.
Browne, P. M., LL.B., S.M.,
Q.S.M.
Browne, Mrs P. M.
Brownlee, J. N., M.Sc., Ph.D.,
A.M.Inst.P., M.I.E.E.
Brundell, J. E., M.Sc., A.R.I.C.,
A.N.Z.I.C.
Buckley, M.
Buddle, J. P.,
Buddle, P. A.
Bull, Miss E. L.
Bull, Mrs M. E.
Bullen, Miss J. M., B.A.
Bulmer, Professor R. N. H.,
B.A.(Cantab.), Ph.D.
Bulmer, Mrs Susan E., M.A.

AIM Ann Report 1978 to 1979

- Burge, E. C.
Burgess, J. B.
Burnett, Mrs Beryl V.
Burns, A. R.
Burns, Miss L. A., I.M.S.R.
Burt, G. J.
Burton, E. A., Dip.J.
Bush, Mrs E. G.
Butcher, Professor J. C., M.Sc.,
Ph.D.
Butterworth, W. L., LL.B.
Buttle, J. R.
Bycroft, Mrs R. H.
- Cairns, N. A.
Calvert, Mrs M. J.
Cameron, J. S., F.G.A.
Campbell, E. W. F.
Campbell, I. G.
Cardon, Forrest
Carman, Professor J. B.
Carman, Mrs Mona F.
Carrier, S. J., M.Sc.
Carson, Mrs M. B.
Carter, Captain R. H.
Carter, Mrs R. H.
Cartwright, R. D., M.A.
Cassels, R. J. S., B.A.
Cates, A.
Cathey, Kenneth
Catley, Rev. A. B., M.A.,
B.Sc.Agr., D.Th.
Caughey, A. L.
Caughey, Brian K.
Caughey, Miss Joan
Cernohorsky, Miss D. M.
Cernohorsky, W. O., B.Arch.
Chamberlain, E. E., D.Sc.,
F.R.S.N.Z.
Chandler, R. J. S.
Chapman, Professor V. J., O.B.E.,
M.A., Ph.D., F.L.S.
Chappell, Mrs M. L.
Chappell, N. C. L., B.A.
Chen, W., Dip.G.D.
Cheshire, N. G.
Chisholm, Mrs O. V.
Chisholm, Dr. Russell F., O.B.E.
Christmas, A. W., O.B.E., F.C.A.
Christopher, Miss J.
Chunn, Mrs J. A.
Clarihew, G. S., B.A., Dip.Ed.
Clarihew, Miss M. A., B.A.
Clark, A. E. E., M.A.
Clark, J. G.
Clark, R., Ph.D.
Clark, R. C., M.A.
Clark, Mrs Shirley
Clark, W. J. H., M.A.
- Clarke, A., B.Sc., Dip.Hort.Sc.
Clayton, B. Neil
Cleave, Mrs L. D.
Clement, Mrs M. I.
Coates, Mrs J. M.
Cole, Miss Carole M.
Colebrook, J. G.
Coleman, J. S.
Coles, Miss Joan
Collins, H. N.
Collins, Mrs Susi R.
Combes, R. E.
Cometti, R. H.
Comrie-Thomson, I., B.Sc.
Condon, Mrs Christine, N.D.D.
Connor, Dr O. J., M.B., Ch.B.,
M.C.R.A.
Cooke, D. C. D.
Cooke, Ms E. A., B.A.
Cooper, D. E., M.Sc., M.N.Z.I.C.
Cooper, J. A.
Cooper, Miss K. M.
Coote, G. C., A.I.I.N.Z.
Corban, B. P. N., M.A., LL.B.
Cormack, Miss R.
Cornish, J. M., B.H.Sc.
Corry, N. M., B.Sc.
Coster, J.
Couch, Leonard
Courtney, Mrs P. E.
Cowley, Mrs Wanda, B.A.
Cox, D. S., M.Com.
Cox, E. Charles
Cox, F. J., LL.B.
Cox, Mrs Mary
Craig, Horace A.
Craig, J. L., B.Sc. (Otago), Ph.D.
(Massey)
Crane, J. P.
Cresswell, J. C. M.
Crippen, J. W.
Crockett, D. E.
Crocker, R., C.Eng.
Cropper, J.
Crosby, D. D.
Crotty, P. H.
Crown, R.
Cumming, Mrs G. L., M.A.,
F.L.A., A.N.Z.L.A., A.N.Z.I.A.
Cutler, A. B.
- Dalton, A. H.
Dansey, H. D. B., M.B.E.
Darling, Miss A. G.
Darling, Mrs Helen P.
Darlow, W. B.
Dart, J. R., M.Sc., D.I.C.(Lond.),
Dip.T.P.(Auck.), M.N.Z.P.I.,
M.N.Z.I.S.

AIM Ann Report 1978 to 1979

Daugherty, J.
Davenport, J. C.
Davies, Mrs D. M.
Davies, J.
Davis, Mrs M. R.
Davison, R. M., M.Sc., Ph.D.
Davy, B.
Davy, J. P.
Dawson, G. F.
de Berry, Dr. Alvin
de Deckker, Dr P.
Deed, C. V.
Degenhardt, M., B.Arch.
Degenhardt, Mrs M.
de la Mare, Professor P. B. D.,
M.Sc., Ph.D., D.Sc., F.N.Z.I.C.
Delamore, A. R.
de Lange, A. M.
de Lange, Mrs A. M.
Deutsch, Mrs E.
Devereux, I., M.Sc., Ph.D.
Devonshire, C. W.
Dickey, Mrs M., L.T.C.L.
Doig, F., M.I.E.E., M.N.Z.I.E.
Donald, Mrs Fiona J.
Dougherty, M. J., B.A.
Downes, T. W.
Downey, Miss D. M.
Drake, G. W. J., B.A.(N.Z.),
M.A.(Auck.), Ph.D.(Illinois)
Dredge, P. S.
Drewry, J. J., M.I.Mech.E.,
M.N.Z.I.E.
Druitt, D. G.
Drummond, Mrs L. R.
Drummond, R.
Duder, A. N., A.M.I.C.E.,
F.N.Z.I.E.
Duff, Mrs G.
Duffus, Miss A. R.
Dunningham, C. D. A.
Dunsheath, Miss A. E.
Dye, M. H., M.Sc., Ph.D.(Lond.)
Easdale, Mrs N. M.
Easter, Mrs S. M.
Eastop, Mrs G. M.
Eden, C. A.
Edgar, Mrs Jane, L.T.C.L.
Edwards, Mrs E. M.
Egan, Alistair
Eller, Mrs G. J.
Ellis, Mrs E., B.A.
Ellis, Mrs Elizabeth, D.F.A.
Ellis, Associate-Professor R.,
A.R.C.A., R.B.A., F.R.S.A.,
M.N.Z.S.S.P.
Ellis, S. L.
Emery, D.
Ennor, G. G., LL.B.

Ericksson, Mrs E.
Espiner, Miss E., M.A.
Everard, Mrs C. M.
Everton, Miss M. E., B.A.,
Dip.Tchg.
Everts, Mrs A. H., B.Sc.
Eyre, K. E. D., M.D., F.R.A.C.P.
Eyres, L., Ph.D.(Umist),
M.N.Z.I.C.
Fairfax, Lt.-Commander D. P.,
R.N.Z.N., M.A.
Farnell, A.
Farnsworth, Mrs Z.
Farrelly, Miss I. A.
Farrelly, Associate-Professor R.
O., M.Sc., M.B., Ch.B.(N.Z.),
M.R.C.P.A.
Fenton, Rev. R. J., L.Th.
Fenwick, E. L., B.Sc.(Hons.),
Ph.D.
Fenwick, R. C., B.E.(Hons.),
Ph.D.
Fergus, Miss G.
Ferguson, Miss Jan
Ferguson, Mrs J.
Ferguson, R. H. Lindo, F.R.C.S.
(Eng.), F.R.A.C.S.
Field, Mrs M. M. R.
Field, M. S.
Finn, A. R.
Fisher, Mrs M. E.
Fleming, Mrs D.
Fletcher, R., M.Sc.
Fletcher, R. H.
Flower, Miss L. T. H.
Fogartv. M. J., B.A.
Foley, Miss Diane
Foley, E. J.
Fomison, T.
Foote, D. C.
Foote, J. G., Dip.Arch.,
A.N.Z.I.A.
Ford, Mrs C. R.
Forder, Miss A.
Forder, Professor H. G., M.A.,
Hon. D.Sc., F.R.S.N.Z.
Forster, Miss L., B.Sc.
Foster, B. A., M.Sc., Ph.D.
Foster, Mrs J. M.
Fountain, M. D., B.A., B.Sc.,
Dip.Ed.
Fox, Lady, M. A., F.S.A.
Fox, E. O.
Fox, G. F., J.P., A.R.I.B.A.,
F.N.Z.I.A.
Frater, G. W.
Frater, J. N., B.Sc., B.Com.,
A.C.A.
Frater, Mrs Talwynne M.
Friend, D. A., B.D.S.

AIM Ann Report 1978 to 1979

Frith, M. J., B.Sc., Dip.Opt.
Fry, P. R., M.Sc., Ph.D.
Fulljames, K. A.
Furniss, Miss S. L.

Gabriel, Mrs L.
Galbreath, R. A., B.Sc.(Hons.),
Ph.D.
Gallagher, R. C., B.A.
Galley, P. L.
Gamble, Mrs M. B.
Gamble, W. R.
Gardner, Miss B.
Gardner, Mrs E. N.
Gardner, N. W.
Gardner, Dr R., B.Sc.(Hons.)
Garlick, Mrs R. T.
Garrett, Miss P.
Gaudin, Dr Howard J.
Geddes, J. A., B.Sc.(N.Z.), B.Sc.
(Oxon.)
Gibbons, Miss N. C.
Gibbons, W. L. B.
Gibson, Mrs Jessie D.
Gibson, P. R. J., LL.B.
Gilderdale, Mrs B., B.A. (Hons.)
(Lond), P.G.C.E.
Gilderdale, P., B. A.
Gill, Dr Michael B., M.B., Ch.B.,
F.R.C.P.A.
Gillard, A. J., Dip.Urb.Val.
Gillespie, Mrs H.
Gillies, C. L., B.Agr.
Gillies, Miss M. D.
Gillman, F. A.
Glennie, Dr H. Ronald R.,
B.Sc., M.B. (Otago), F.R.C.S.,
F.R.A.C.S.
Godbert, F. D., M.A.(Oxon.)
Goldfinch, Mrs P. M.
Goldie, A.
Goldstone, S. D. I.
Goldwater, K., B.E.
Gooch, John G.
Goodfellow, A. C., M.Arch.
Goodfellow, T. Bruce, B.E.E.,
M.B.A.
Goodhew, Mrs H. F.
Goodwin, A. J.
Goodwin, T.
Gorbey, K. C., B.A.
Gordon, R. E., Mech.E.,
A.M.I.M.I., M.I.E.
Gould, Mrs E. M., M.B.E.
Goulding, Miss J. H.
Goulter, Sister Phyllis, B.A.,
Dip.Ed.
Graham, Mrs Joan
Graham, Mrs June
Graham, J. S., B.A.

Grant, Miss J. E.
Grant, M.
Grant-Mackie, J. A., M.Sc.
Granville, I., B.Sc.(Hons.)
Gray, Mrs E. E., M.A.
Gray, S. E.
Gray, Mrs S. M.
Green, Mrs E. A.
Green, Wing-Commander
H. M. S., R.A.F. (Retd.)
Green, Professor R. C., B.A.,
B.S., Ph.D.(Harv'd), F.A.A.A.,
F.R.S.N.Z.
Greenfield, R. J.
Gregory, C. F.
Greetham, Mrs M.
Griffiths, Mrs Elizabeth S.
Griffiths, G. S.
Grover, A.
Gunson, Mrs Elizabeth A. R.

Hackshaw, Mrs F.
Hague, Mrs J. M.
Haigh, F. H.
Halliwell, R. F.
Hambly, G.
Hames, Rev. E. W., M.A.
Hames, P. W.
Hamilton, Dr W. M., C.B.E.,
M.Agr.Sc., D.Sc., Hon.D.Sc.
N.D.H., F.N.Z.I.A.S.,
F.R.S.N.Z.
Hanlon, J. O.
Hanna, Dr. D. M.
Hanna, G. P.
Hanna, Mrs M. F.
Hanna, N. R., F.G.A.
Hanna, Mrs R. A.
Hansen, D., B.A.
Harcourt, I. K.
Hardwick-Smith, Miss Mary
Hargrave, Mrs C. K.
Harpur, Miss Y., B.A.
Harriman, K.
Harris, A.
Harris, D. A.
Harris, R. J.
Harrison, Percy
Harrison, Dr. W. R.
Hart, Mrs S. P.
Harvey, B. J.
Harvey, Mrs C., B.Sc.
Hashimoto, G. M.
Hasler, Miss M. B.
Haslett, Mrs C. M.
Hawkins, Clifford W.
Hay, John
Hay, Miss M. C.
Hay, M. P.
Hayes, W. A.

AIM Ann Report 1978 to 1979

Heap, D. J., B.A.
 Heap, W. A.
 Hedley, L. A.
 Hellaby, F. R. A.
 Heller, Paul P., O.B.E., D.Jur.
 (Vienna), LL.M.(McGill),
 A.F.R.Ae.S., A.C.A.
 Helm, R. M.
 Helmore, Mrs L. R., B.Sc.,
 A.T.C.L.
 Hemus, B. C., B.E.
 Herbert, W. J., M.A., Dip.Ed.
 Heremia, P. J., B.A.
 Hewlett, G.
 Heyes, G. P., B. A.
 Higgs, R. A.
 Higgs, Mrs R. A.
 Hill, J. E. G.
 Hillas, Miss J., B.Sc.
 Hine, Miss P. S.
 Hingley, H.
 Hinkes, A.
 Hoadley, C. P., B.Arch.,
 A.R.I.B.A., F.N.Z.I.A.
 Hoadley, Mrs Gytha P.
 Hoare, Mrs G.
 Hoare, L. J.
 Hobin, T. J.
 Hodge, Miss C., B.A.
 Hoffman, G. B.
 Holdaway, E. A. J., D.F.C. and
 Bar
 Holland, Mrs M.
 Hollier, D. W.
 Holloway, Mrs K. M., M.A.
 Hollyman, Professor K. J., M.A.,
 D.U.(Paris)
 Holway, Mrs L. F.
 Hood, J. A.
 Hooker, Brian
 Hooper, A., M.A., Ph.D.(Harv'd.)
 Horn, J. K.
 Horrocks, Mrs E. C., M.A.
 Horrocks, J. A., E.D., A.C.A.,
 F.N.Z.I.M.
 Horrocks, J. P., M.C., LL.B.,
 A.C.A.
 Horrocks, Mrs S. B.
 Horsburgh, Mrs M., B.A.
 Howe, Miss M. C. M.
 Howe, Mrs M. J.
 Howe, Te W. W.
 Howell, L., M.N.Z.I.E.
 Howie, Mrs E. L., Dip.Ed., Dip.
 H.Sc.
 Hoy, J. M., M.Agr.Sc., D.Sc.
 Hoyle, Mrs P. J., M.A.(Hons.)
 Huggins, Miss Winifred, B.E.M.
 Hughes, Miss B. J., Dip.N.

Hughes, Lady
 Hughes, Sir Rochford, K.C.B.,
 C.B.E., A.F.C., F.R.Ae.S.,
 R.A.F. (Retd.).
 Humphries, J. P.
 Hunia, Miss L., B.A., Dip.Tchg.
 Hunt, Dr S. R., M.B., Ch.B.
 (N.Z.)
 Hunt, T. L., B.A.
 Hunter, I., M.Sc., Dip.Clin.Psych.
 Hunter, J. C., A.S.T.C.,
 A.N.Z.I.C., A.R.A.C.I.
 Hunter, Mrs J. S., M.B.E., B.Sc.
 Huntsman, Judith, B.A., Ph.D.
 Hutchinson, C. P., Q.S.O., M.B.E.,
 Q.C.
 Hutchinson, M.
 Hutchinson, W. N.
 Hutton, Mrs D. M.
 Hutton, P. B., A.C.A.
 Hyde, J. Newton

Ibbertson, H. P.
 Ihle, A. M.
 Innes, Dr. Margaret
 Insull, H. A. H., M.A.
 Irwin, G. J., M.A.
 Izard, C. H., J.P.

Jackson, Mrs H.
 Jackson, Mrs J.
 Jackson, Mrs Joan
 Jackson, J. K.
 Jackson, K.
 Jackson, R., D.G.A.
 Jacobs, H. N.
 Jenkins C. C.
 Jenkins, C. F., Q.S.M., LL.B.
 Jenkins, Captain J. A. F.
 Jenkins, P. F., Ph.D.
 Jenkins, T.
 Jepson, J. D., B.Sc.
 Jervis, D. H.
 Johnston, Mrs B. V. M.
 Johnston C.
 Johnstone, I. M., M.Sc.
 Jolly, R. G. W.
 Jones, Lynette A., B.A.
 Jones, R. J.
 Jones, W. E. F.
 Jordan, A. F., M.I.Mech.E.,
 M.N.Z.I.E., C.Eng.
 Joseph, D. B., M.A.(Cantab.)

Kalaugher, E. D.
 Kay, C. M., J.P.
 Keene, Mrs Florence
 Kelly, Miss F.
 Kemp, R. D.

AIM Ann Report 1978 to 1979

Kennaway, R. L.
Kennings, Mrs R. S.
Kernot, B.
Key, Miss B.
Keys, H. J.
Kidd, Z. R. W., M.A., L.T.C.L.,
Dip.Tchg.
King, A. P., LL.B.
King, D.
King, R.
Kingston, Mrs B. H.
Kinneary, J. S., B.D.S.
Kirk, Dr J. A.
Kitchen, N. J.
Kivi, Mrs W. B.
Klippel, Dr Augusta, M.B.,
Ch.B.(N.Z.)
Koning, Mrs Ailsa M.
Kopari, Mrs P.
Kozegi, Miss Zsuzsa
Kronfeld, Mrs J. H.

Lahatte, J. A., B.Sc. (E.E.), LL.B.
Langholm, R.
La Roche, A. J., B.D.S.
Latch, C. W.
Laurenson, D. F., M.Sc.
Law, Mrs A.
Law, R.
Law, Robert G., B.E.
Lawler, I. T.
Laws, C. R., D.Sc., F.R.S.N.Z.
Laws, Miss J., B.Sc.
Leach, Mrs P.
Leahy, Miss A., B.A.
Leaning, Mrs Faye E.
Leatham, Mrs J.
Lee, Miss C. A., B.A.
Lee, Miss J., B.A.
Le Grice, Dr Hylton, F.R.C.S.
(Eng.), F.R.A.C.S.
Le Pine, Miss Constance E.
Letcher, P. W.
Levy, Dr G.
Lewis, A. H.
Lewis, E. M.
Leyland, W. B.
Lichtenstein, H. J.
Liley, Sir William, K.C.M.G.,
B.Med.Sc., M.B., Ch.B., Ph.D.,
Dip.Obst., D.Sc., F.R.C.O.G.,
F.R.S.N.Z.
Lillie, Professor A. R., M.A.,
Des Sc., F.R.S.N.Z.
Lintott, F. G.
Little, Dr E. G. S., D.Phil.
(Oxon.)
Llewellyn, Professor D. R., D.Sc.,
D.Phil., F.R.I.C., F.N.Z.I.C.
Lloyd, R. C., B.Sc.

Lockley, R. M.
Longworth, J. F., M.Sc.
Lord, C.
Lorrigan, Mrs B. J.
Loudon, Miss A. L., C.B.E.,
M.A., F.R.S.A.
Lowe, F. J.
Luke, P. N.
Lyne, Miss J. V.

McCaw, J. B.
McCoach, J. H., M.Sc., B.D.S.,
A.N.Z.I.C.
McConnell, Dr W. F., M.B.,
Ch.B.
MacConochie, A. R.
McCormick, E. H.
McCormick, J., B.A.
MacCulloch, A., B.Sc.
MacCulloch, Miss M. H., Dip.
H.Sc.
McCurdie, Miss S. P.
McDonald, D. H., B.Com., F.C.A.
Macdonald, J. A., A.B., Ph.D.
Macdonald, Mrs J. A., B.A.
Macdonald, Miss K.
Macdonald, Miss N.
Macdonald, Mrs W., M.A.,
M.B.E.
McDougall, A. C., B.E.(Syd.)
Macdougall, I. S.
Macdougall, Dr Mavis, M.B.,
Ch.B., Dip.Ven.
McEldowney, R. D.
Macfarlane, Dr Alistair, M.B.,
Ch.B., F.R.A.C.S., F.R.C.O.G.
Macfarlane, Mrs Prudence
Macfarlane, Ross C., B.A.
McFarlane, Captain R. B.
McGeorge, Mrs J. S., B.A.
McGill, Sydney S.
McGrath, J.
McGregor, Mrs Valerie R.
McGrevy, W. N., B.Sc.
McHale, Mrs Glen
McIsaac, H. M., A.C.A., A.C.I.S.,
A.N.Z.I.M.
McKay, Miss J.
McKenzie, H. R.
Mackenzie, Miss S., Dip.H.Sc.
McLachlan, A. R., B.Arch.,
A.R.I.B.A., A.N.Z.I.A.
McLaughlin, Miss A.
McLean, M., M.A., Ph.D.
McLeod, Miss E. R.
McLeod, Ms H.
McMillan, N. A. C., M.A.
McNaughton, A. H., M.A., Ph.D.
McNeill, B.
McQuirk, D., B.A., Dip.Tchg.

AIM Ann Report 1978 to 1979

McRae, D. G.
McWatt, B. R. P., B.A.
Mace, H. T.
Mack, G. D.
Mackle, J. W.
Macky, N. L., M.C., LL.B.
Macky, Warwick, O.B.E.
Madden, I. B., M.A., LL.B.
Maia, Dr S., M.B., Ch.B.(N.Z.)
Maiden, C. J., M.E.(N.Z.),
D.Phil.(Oxon.)
Maihi, Mrs T. A.
Maine, J. A.
Malcolm, J. P.
Male, John G.
Mangos, J. F., D.D.S.
Manning, Mrs G. A.
Marbrook, B. A.
Markham, G. W., B.Sc.
Marks, G. S.
Marks, Mrs Jill
Marra, M. H.
Marshall, Dr R. T., M.B.,
D.M.R.E.(Camb.)
Martin, J. H., M.A.
Martin, Miss Mary-Beth, Dip.F.A.
(Hons.)
Martin, N. A., Ph.D.
Massey, Miss Anne, LL.M.
Mathews, P.
Maud, W. B.
Maxted, Miss M.
Maxted, Robert, B.E., C.ENG.,
F.I.E.E., F.Inst.P., F.I.E.S.
Maxwell, Dr R. H.
May, H. W.
Meade, Mrs J. B.
Meiklejohn, Miss S.
Melding, Dr Pamela, M.B., Ch.B.,
F.F.A.R.C.S.
Menzies, Mrs A. M.
Menzies, L. S.
Merritt, Mrs R.
Metcalfe, G. H.
Methven, Dr R. J., M.B., Ch.B.,
M.R.N.Z.A.C.P.
Meyer, Professor R. F., B.E.,
(N.Z.), Ph.D.(Manc.),
A.F.C.A.S.I., M.A.I.A.A.,
M.N.Z.I.E.
Michie, Mrs E. G.
Mihaljevic, J. M. J., B.A.
Miller, K. M.
Miller, N. C., B.Sc.
Miller, Mrs Sybil
Milne, Mrs Dorothy A.
Milne, D. S., M.Sc.
Minhinnick, Sir Gordon, K.B.E.
Minturn, P., M.N.Z.I.D.

Mirams, R. V., M.Sc., Ph.D.
Mitchelson, Miss K. M.
Moir, T. J.
Moller, The Hon. Mr Justice
Molloy, J. J., M.Sc., F.N.Z.I.C.
Mols, Mrs P. T.
Monteith, J. M.
Moon, G. J. H., M.R.C.V.S.,
M.A.C.V.Sc., A.R.P.S.,
A.P.S.N.Z.
Moor, S., M.D., F.F.R.
Moorcroft, P.
Moore, A. Eisdell, M.D.,
F.R.C.S., F.R.A.C.S.
Moore, Arthur R.
Moosman, J. T. E.
Morgan, Mrs B. G., L.T.C.L.,
T.T.C.
Morgan, Mrs N. E.
Morpeth, Mrs E.
Morpeth, R. T., Q.S.O., J.P.
Morris, Mrs D. E., L.C.S.T.
(London)
Morris, Mrs N. M.
Morrisby, E., B.A.(Hons.)
Mortensen, P. E.
Mortensen, P. W.
Morton, Miss Dorothy
Morton, Professor J. E., D.Sc.
Mossong, Mrs Verna E.
Mountford, G.
Moustafa, Associate - Professor
E., M.Sc.(Cairo), Ph.D.(Camb.)
Mowbray, Professor N. A., B.E.
(N.Z.), C.Eng., F.I.C.E.,
F.N.Z.I.E.
Moyle, R. M., M.A., Ph.D.,
L.T.C.L.
Mu, R. D.
Mul'aumaseali'i, S., LL.B.
(Hons.)
Mullins, Mrs B. M.
Munro, I. R.
Munroe, F. D., M.A.
Murdoch, Dr David, F.R.C.S.E.,
F.R.A.C.S.
Murray, R. Richmond, B.D.S.
Mynott, William L.
Nash, P.
Nathan, L. D., O.B.E., M.A., J.P.
Nathan, P. A. N., M.A.
Neal, G. K.
Neilsen, M.
Nelson, Dr. D. F.
Neumegen, Ms P.
Nevin, A. J.
Nevin, Mrs Raewyn, L.G.S.M.
(London), L.T.C.L.
Newman, Dr J. L., Q.S.O.

AIM Ann Report 1978 to 1979

- Newman, Mrs M.
Newman, Miss M.
Nicholls, T. W.
Nicholson, L. T. R.
Nicholson, Mrs O. R.
Nicholson, S. W., D.S.O., E.D.,
B.Com., A.C.A., F.N.Z.S.C.A.
Nicholson, Mrs S. W.
Nieukerke, Mrs Eunice O.,
O.B.E.
Nieukerke, K. H. P., Ph.D.
(Hons.), M.Sc., B.E.
Nightingale, T.
Noble, Allan
Noble, Miss J. M.
Nolan, Mrs Joyce
Norris, Mrs Margaret
North, The Rt Hon. Sir Alfred,
P.C., K.B.E., Q.C., LL.M.
North, Lady
North, B.
North, Professor J. D. K., M.B.,
Ch.B.(N.Z.), D.Phil.(Oxon.),
F.R.C.P., F.R.A.C.P.
North, Mrs J. D. K., B.H.Sc.
North, Miss L. V., B.A., Dip.
Tchg.
Northwood, B. R.

Oatridge, G. F.
O'Brien, D.
Odell, Professor A. L., M.Sc.,
Ph.D.(Lond.), D.Sc., F.N.Z.I.C.
O'Flaherty, A.
O'Flaherty, C.
O'Keefe, A. H., B.Com.
Oliphant, D. J., LL.B.
Oliphant, Mrs Rona
Olsen, Miss C., B.A.
Olsson, B. H., O.B.E., B.Sc.
O'Meara, Mrs M. F.
O'Neill, Miss Alma
Oord, D.
Oppenheim, R. S.
Orbell, Miss M., M.A.
Ormerod, J. L., B.Sc.(Forestry)
(Edin.)
Osborne, Rev. J. H., M.A.
Osborne, R. J., LL.B.(Hons.),
M.I.L.R.(Cornell), J.S.D.(Cor-
nell)
Owen, Miss R. B., B.A.

Paget, H., M.A.
Palmer, A. D.
Palmer, Dr. Mary S.
Parfitt, Miss S. M.
Parker, J. E.

Parker, R. H.
Parker, Mrs V. N. M., B.A.
(Saigon), P.G.D. (Otago)
Parkinson, G. L., B.A.
Parr, C. J., LL.B.
Parrington, A. H.
Parrish, A., J.P., F.R.E.I.N.Z.,
A.I.V.N.Z.
Paterson, Mrs B.
Paterson, E. B., M.C., F.A.C.I.S.,
F.I.M.H.
Paterson, Mrs I. M.
Patterson, C. J., B.Sc., B.E.
Pattison, M. A., M.B.E.
Paxton, Mrs L. R.
Payne, R. E.
Paynter, B.
Peachey, E. A.
Pearce, P. I.
Pearson, Dr W. H.
Peek, O. D.
Pegler, L. M.
Penfold, R. L.
Pennalligen, E.
Penniket, J. R.
Peka, B. T.
Percy, C. A.
Perkins, G. C., M.Sc.
Perks, I. R.
Perks, W. E.
Perrin, Miss P.
Perry, The Hon. Sir Clifford,
LL.M.
Peters, Miss F.
Pettit, Miss P. M., M.A., Dip.
Journ.
Phipps, I. D.
Pickmere, Mrs A. H.
Piggin, D. M.
Pinner, D. S., B.A., L.T.C.L.,
R.B.T.C. Cert., Dip.Tchg.
Platt, Miss O.
Platts, Miss U.
Porritt, J. O.
Powell, Mrs A. W. B.
Powell, Dr G., M.B., Ch.B.(N.Z.),
F.R.C.S.E., F.R.A.C.S.
Powell, Mrs P. M. I.
Power, Mrs M. E.
Prentice, Mrs B., B.A.
Prentice, J. K.
Prescott, P. F., F.C.A., F.C.I.S.,
C.M.A., M.I.D.
Prince, Mrs C. W.
Print, J. M., M.A.
Pritchard, Miss K.
Pritchard, M. H.
Puch, F., A.M.I.Mech.E.
Purdie, M. D.
Purkis, J.

AIM Ann Report 1978 to 1979

Purton, Miss B. J., B.A.
Puru, M.

Quinn, J. R.

Rainer, P. J., B.A.

Rainger, O. W.

Ralph, Professor R. K., M.Sc.,
Ph.D., D.Sc.(N.S.W.),
A.N.Z.I.C.

Ralph, Mrs T.

Ranby, A. B.

Randell, Miss T., B.A.

Raudkivi, Professor A. J., Dip.
Ing. (Civil), Ph.D., C.Eng.,
F.I.C.E., V.D.I., F.N.Z.I.E.

Rawlings, Mrs I.

Rawlinson, Miss Gloria

Ray, J. L.

Raynes, D. A.

Rees, Dr R. G., B.Sc., B.(Med.)Sc.,
M.B., Ch.B.

Reeve, Dr A. M. F., M.B., Ch.B.

Reid, J. D.

Reid, J. G. S., B.A., A.C.A.

Reid, W. D., B.Sc., Ph.D.

Rennie, Mrs Campbell

Rerd, Mrs C. A.

Reynolds, Mrs Sharon, B.A.

Reynolds, Mrs W.

Richards, J. F.

Ricketts, J., M.Sc.

Ring, Dr. C. C.

Ringer, R. A. A.

Robb, Associate-Professor Joan,
M.Sc., Dip.Ag.

Robbins, Miss J. R.

Robbins, Miss M. R.

Roberton, Mrs A. L. C.

Robertshaw, Mrs C. L., B.A.

Robertson, B. S., B.Com., A.C.A.,
A.C.I.S.

Robertson, J. Carrick, M.A.

Robertson, J. H.

Robinson, D. E., M.Sc., Dip.Ed.,
M.I.Biol.

Robson, Miss D.

Rodewald, H. M.

Rogers, J., M.Sc., Ph.D.
(Cantab.), F.N.Z.I.C., M.A.I.-
M.E., M.Aust.I.M.M.

Rolinson, D. T. H., M.A.

Rosevear, Rev. W. J. W., M.A.,
M.Th.

Ross, M.

Ross, Mrs S.

Ross, W. K., M.Sc., B.D.S.,
D.D.O.R.F.P.S.(Glas.),
D.Orth.R.C.S.(Eng.)

Rosser, Mrs Y.

Rothschild, L. D. B.

Rowe, D. K.

Rowell, G. H., B.A.

Ruffell, W. L.

Rusden, Mrs E. M.

Russell, M. L.

Rutherford, Q. E.

Ryburn, Miss E. K., M.A.

Sagar, Mrs Dora J.

Sanders, J.

Sandman, J. McK., J.P.

Sang, R. F.

Sawyers, Mrs L. W.

Scale, Mrs M.

Scanlan, Mrs J. H.

Schofield, J. C., M.Sc.

Scott, Dr D. J., B.Med.Sci., M.B.,
Ch.B., M.R.C.P.(Lond.),
F.R.A.C.P.

Seagar, R. Phillip

Seddon, Mrs M.

Segar, Miss E. C. M., B.Sc.

Senior, G. F., M.A., Dip.Ed.

Sewell, Mrs B. M.

Shaw, Miss W.

Shawcross, Mrs K. A.

Shepherd, B. F.

Shirley, P. W.

Shirres, Father Michael

Shores, K. D. T., B.E.

Shores, Mrs S.

Short, F. G.

Shrewsbury, Miss D. C.

Silao, M. E.

Simmons, Mrs Beverley A.

Simmons, D. R., M.A.

Simmons, Rev. E. R., S.T.L., B.A.

Simons, J. S.

Simons, Miss P.

Simons, Miss W.

Simpson, Frank A., M.A.

Simpson, Mrs W. M.

Sinclair, Professor J. D., M.D.,
B.Medic.Sc., F.R.A.C.P.

Sinclair, Professor K., M.A.,
Ph.D.

Sinclair, Sir Ronald, K.B.E.,
LL.M.

Sinclair, Lady

Singh, Pritam, Ph.D., Assoc.
IARI, B.Sc.(Hons.), F.E.S.I.

Sinnock, W. G.

Sinton, Dr T. J., M.B., Ch.B.

Skelton, Mrs Michelle M. G.

Skinner, D. N. B., M.Sc., Ph.D.,
A.A.I.M.M.

Smith, D. R. K., B.E.(Met.),
M.Aust.I.M.M.

AIM Ann Report 1978 to 1979

- Smith, Mrs J.
Smith, M. G.
Smith, Malcolm G., B.Sc.,
A.N.Z.I.C.
Smith, Mrs Rose A.
Smith, R. A. J., O.B.E.
Smout, G. R.
Smyth, W. M., M.A.
Smythe, K. G., B.A.(Hons.),
Dip.Ed.
Smythe, Sir Reginald, K.B.E.
Snelgar, A.
Sneyd, Mrs Catherine, B.A.
Sorrenson, Dr. M. P. K.
Southern, Thomas P.
Southwick, L. H., Q.C., LL.B.
Spath, S.
Spence, W. A.
Spencer, H. M.
Spencer, Mrs M. L.
Spencer, Rev. P. M., M.A.
Sprong, H.
Stacpoole, J. M.
Stafford, D. M.
Stanislaus, Sister M.
Stanton, A. McM., LL.B.
Stephens, Mrs J. M.
Stevens, Miss I. F.
Stevens, Mrs L. N.
Stevenson, L. B.
Stevenson, Mrs K. M., M.A.
Stewart, Miss A. M., B.Sc.
Stienstra, Mrs R. D.
Stoddart, R. J.
Stone, Associate-Professor
R. C. J., M.A.
Strachan, G., B.S.
Strang, D. N., F.R.G.S.
Strange, Miss M. G., B.Sc.
Stratton, O. E.
Stretton, Mrs J., B.A.
Stuart-Masters, Mrs D., N.Z.R.N.,
R.M.N.
Stubbing, Mrs E. M.
Sturm, T. L., M.A., Ph.D.(Leeds)
Sullivan, Mrs Agnes, M.A.
Suluape, P.
Sutcliffe, Mrs K. E.
Sutherland, O. R. W., B.Sc.
(Hons.), Ph.D.
Sutton, Mrs Evelyn M.
Swadling, Miss P.
Swanston, Dr C., M.B., Ch.B.,
D.O.M.S., F.R.A.C.S.
Swinburn, Dr P. F., M.D.S.,
F.D.S.R.C.S., F.R.A.C.D.S.
Swinton, A. D.

Tagg, A. M.
Taiaroa, Mrs M. R.

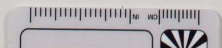
Talbot, Dr G. G., O.B.E.
Tamahori, Rev. J. T., B.A., L.Th.
Tandy, Mrs I. A., K.G.C.I.
(Stockholm)
Tangye, Mrs W. N.
Tarlton, K. E.
Tattersfield, A. W.
Tattersfield, J. N.
Tattersfield, L. W.
Tattersfield, P. A.
Tauroa, E. T. R., B.Agr.Sc.,
Dip.Ed.
Taylor, Mrs C.
Taylor, D. M., B.Sc.
Taylor, G. D.
Taylor, G., B.A.(Hons.)
Taylor, John H., B.A.
Taylor, P. W., Ph.D.
Terrini, V. L., B.Arch.
Thatcher, Mrs Evelyn
Thom, D. A., F.I.C.E.,
F.N.Z.I.E.
Thomas, F., B.A.
Thomas, H. T.
Thomas, Dr. R. F.
Thomas, R. N.
Thomas, S. D., B.Sc.
Thompson, C. W.
Thompson, E. H., M.I.C.E.,
M.N.Z.I.E.
Thompson, Mrs F.
Thompson, Mrs Isobel M.
Thompson, M., M.A.
Thompson, R. H.
Thompson, T. E., B.Sc., C.Eng.,
M.I.E.E., M.N.Z.I.E.
Thomson, A. D., J.P., B.Com.
Thomson, W.
Thomson, W. Laird, M.B.E.,
A.F.N.Z.I.M., J.P.
Thorpy, F. T.
Tilbury, Mrs I. S.
Tisch, Mrs R. B.
Todd, A. J.
Tomkinson, G. B.
Tong, S. W. W., C.B.E., LL.B.
Topping, Dr. R. B.
Townsend, A. H., M.A.
Toy, Professor R. H., B.Arch.
(N.Z.), Ph.D.(Dub.), A.R.I.B.A.,
F.N.Z.I.A.
Trotter, Mrs Colleen
Tuck, J. G., B.Com.
Turia, Miss M.
Turkington, J.
Turner, The Rt Hon Sir Alexander,
K.B.E., M.A., LL.B., Hon.
LL.D.
Turner, A.
Turner, Sir Harvey, C.B.E.

AIM Ann Report 1978 to 1979

Turner, J. B.
Turney, T. A., M.Sc.
Turtill, K. S., M.A.
Tyson, Mrs Rosa
Ullrich, L. D.
Upton, Mrs T.
Vahry, D. H.
Varshney, A., Mech.Eng.
Vennell, C. W.
Voight, Mrs I. D.
von Sturmer, Mrs Ngaire L.
Wakelin, H. L.
Wakeman, L. E. R.
Walker, Miss A. K.
Walker, D. O., O.B.E., J.P.,
B.Com.
Walker, Miss E.
Walker, Mrs E. D. P., O.B.E.
Walker, G. W., M.N.Z.I.E.
Walker, Mrs M. E.
Wall, A. C. H.
Wallace, C., B.A.
Wallace, Miss J.
Wallace, James H.
Walmsley, A. G., M.A.
Walton, A.
Warde, Mrs L. J.
Warneford, Mrs N., M.A.
Warren, T. P.
Waterman, S. M.
Watkins, C. A.
Watson, A. C.
Watson, Miss B.
Watson, D., B.A.
Watson, Mrs Shirley
Watt, A. H.
Watt, Dr. J. S.
Watt, R. J., M.A.
Watts, R.
Watts, Mrs S. G.
Wayne, Mrs E. B.
Weatherley, D. J.
Webb, Mrs Anne, LL.B.(Not-
tingham)
Webb, G. R.
Webster, J. P.
Wells, J. C.
Wells, Mrs Caryl J.
Wells, M. R.
Wernham, A. J.
West, Mrs F. L.G.
West, Mrs Phyllis M.
Westwood, G. B., A.C.A. A.C.I.S.
Whale, H. A., M.Sc., Ph.D.
(Camb.)
Whale, Mrs S., M.A. (Hons.)
Whaley, Owen G., M.A.
Wheldon, Mrs Z. Y.
Whenmouth, Mrs E. S.

Whenmouth, M. G.
White, Mrs D. P.
White, Lloyd W., B.A.
Whitehouse, Mrs A. M.
Whitehouse, Mrs T.
Whitelaw, Miss E. J. K., B.A.
Whitten, Rev. H. E.
Whitworth, L. J.
Whyte, C. D.
Whyte, Mrs J. D., M.Sc.(Hons.),
Dip. N.Z.L.S., A.N.Z.L.A.
Whyte, Mrs P. J.
Widdicombe, R. A., B.Arch.,
F.N.Z.I.A., A.R.I.B.A.
Wilcox, J. L., B.A., Dip.Tchg.
Wild, Professor A. A., B.Arch.
(N.Z.), F.N.Z.I.A., A.R.I.B.A.
Wilks, R. L.
Williams, Miss L.
Williams, M., B.Sc.
Williams, P. L. B., B.E.
Williamson, K., B.E.
Willis, B. G.
Wilson, Ms E. S., B.A.,
Dip.Tchg.
Wilson, Associate-Professor, J.
D., M.B., Ch.B., Ph.D.,
F.R.A.C.P., F.R.C.P.A.
Wilson, Miss L., F.T.C.L.,
N.Z.L.A.Cert.
Wilson, M. G., M.A., Dip.Tchg.
Wilson, Miss Rona M., B.A.
Winchester, Mrs Olive
Winstone, B. R., B.E., M.N.Z.I.E.
Winstone, Mrs Natalie
Witcombe, N. C.
Witehira, R.
Wood, A. A. W.
Wood, Mrs A. R., M.F.A.
Wood, Miss Barbara L., M.A.
Wood, Mrs Suzanne, B.A.
Woodbury, J. E.
Woodyear-Smith, H., M.B.E.
Woodyear-Smith, Henry
Woollams, J. S., LL.B.
Wooller, E. C., E.D., J.P., M.A.
(Hons.), Dip.Ed., Dip.Journ.,
Adv.Dip.Tchg.
Worley, Rupert, M.C.
Wright, G. A., M.Sc., D.Phil.
(Oxon.), A.N.Z.I.C.
Wright, Miss Margaret
Wright, R. S.
Wrightson, P., M.A., F.R.A.C.S.
Wynn-Williams, Miss O.
Wynyard, Miss E. A.
Yen, D. E., M.Agr.Sc.
Young, J. M., M.Sc.(Hons.), Ph.D.
Young, Mrs N. M.
Zimmerman, R. F.

AIM Ann Report
1978 to 1979



AUCKLAND INSTITUTE AND MUSEUM

PRIVATE BAG, AUCKLAND 1.

Nomination For Membership

Miss
Mr.
I beg to nominate Mrs.
Dr.
Professor

(BLOCK LETTERS PLEASE)

Degrees and Awards

Postal Address

Signature of nominating member

Subscription, \$5, due 1st April, yearly.

Life Membership, \$40.

Members may, on written request and on payment of the sum charged by the Royal Society of New Zealand receive the Journal and Proceedings of the Royal Society of New Zealand.

The Auckland Institute and Museum is an educational institution which gives free service to the whole community throughout the year.

Money is urgently needed to widen its activities and increase its service to the community by the spread of knowledge among present and future citizens.

If additional help cannot be given now, a bequest would be of great value.

Form of Bequest.

I give and bequeath to the Institution known as the Auckland Institute and Museum the sum of \$.....

free of succession or estate duty to be applicable for the general purposes of such Institution. And I declare that the receipt of the Treasurer or the proper officer for the time being of such Institution shall be a sufficient discharge for the same.

AIM Ann Report
1978 to 1979

REPORT OF THE BOARD OF DIRECTORS

FOR THE YEAR ENDING 31st MARCH 1979

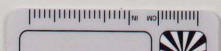
1. INTRODUCTION

The Board of Directors has the pleasure to present to you the Report of the Board for the year ending 31st March 1979. The Report is divided into two main parts: the first part deals with the financial results of the year and the second part deals with the activities of the Board during the year. The financial results show a steady increase in income and a decrease in expenses, resulting in a net profit of £10,000. The activities of the Board during the year have been aimed at improving the efficiency of the organization and increasing its income.

The Board has also been concerned with the welfare of its members and has held several meetings to discuss their concerns. The Board has also been active in promoting the organization's interests and has held several public meetings to discuss its activities. The Board has also been active in promoting the organization's interests and has held several public meetings to discuss its activities.

The Board has also been concerned with the welfare of its members and has held several meetings to discuss their concerns. The Board has also been active in promoting the organization's interests and has held several public meetings to discuss its activities. The Board has also been active in promoting the organization's interests and has held several public meetings to discuss its activities.

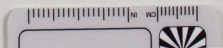
The Board has also been concerned with the welfare of its members and has held several meetings to discuss their concerns. The Board has also been active in promoting the organization's interests and has held several public meetings to discuss its activities. The Board has also been active in promoting the organization's interests and has held several public meetings to discuss its activities.



AIM Ann Report
1978 to 1979

UNITY PRESS LTD

AUCKLAND



AIM Ann Report
1978 to 1979

